



Region II

2022 CRC - Ottawa





**REGION 2
64th ANNUAL
CRC 2022**

MINUTES

held at

OTTAWA, ONTARIO CANADA

Fri Aug 26, 2022 to Sun Aug 28, 2022

APPROVED
Oct /2023

ORIENTATION SESSION – Fri Aug 26, 2022 8:30am

The following attended the Orientation Session

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
#100 Halifax	Dan Bourque	Jarid Wilson
#117 NB/PEI	Kevin Clannon	Mike Boudreau
#013 La Ville de Quebec	Olivier Bernier	Guy Breton
#014 Montreal	Mathieu Rondeau	Mai Anh Dao
#015 Ottawa Valley	Ryan Dickinson	Celine Baribeau
#016 Toronto	Kurt Monteiro	Beatriz Salazar
#037 Hamilton	Mitchell Rohrer	Stan Holko
#116 London Canada	Raj Denadayalan	Jeff Armstrong
#141 Windsor	Amanda Forest	Jamie Smith

<u>NAME</u>	<u>CHAPTER or SOCIETY</u>	<u>POSITION</u>
Ginger Scoggins	Society	Society Pres Elect
Alice Yates	Society	Society Staff- Gov't Affairs
Ronald Gagnon	Montreal	DRC
Danny Castellan	Windsor	RMCR
Doug Cochrane	Toronto	Regional Representative
Darryl Boyce	Ottawa	Society Presidential Member
Tom Pollard	London Canada	CRC Secretary / RVC Historian
Don Weeks	Ottawa Valley	CRC Chair
Jayson Bursill	Ottawa Valley	CRC CoChair
Frank Mesicek	Hamilton	RVC MP
Ibrahim Semhat	London	RVC RP
Elizabeth Primeau	Ottawa Valley	RVC SA
Abhi Khurana	Toronto	RVC CTTC
Alekhya Kaianathbhatta	Toronto	RVC YEA
Isabelle Lavoie	Montreal	Nominating Member

VISTORS

Aaron Besseling (Hamilton - Chapter Pres Elect/CTTC); Roch Conturier (NB/PEI - Chapter YEA); Zach Thorne (NB/PEI - Chapter GAC); James Smith (Windsor - Chapter MP); AJ DeSanis (Windsor - Chapter Secretary); Evans Mutua (Ottawa Valley - Chapter Treasurer); Matthew Peachman (NB/PEI - Chapter MP); Dan Boudrain (NB/PEI - Chapter SA); John Willden (NB/PEI - Chapter RP)

WELCOME & INTRODUCTIONS

Ron Gagnon, DRC Region 2, welcomed everyone to Ottawa and the CRC (the 64th for ASHRAE Region 2) at 8:33am on Fri Aug 26, 2022. Happy to have everyone in person after two years of Zoom CRC's.

Ron then asked those in attendance to introduce themselves (name, chapter, role).

Ron then read the:

ASHRAE Code Of Ethics Commitment

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests.

(See full Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

Land Acknowledgement

ASHRAE Region 2 would like to acknowledge that we operate on the traditional territory of Indigenous People who have lived here over time on treaties dating back to the royal proclamation dating back to 1763. We are grateful to share this land so that we may learn from each other and share our knowledge and experience towards furthering our mission and vision.

CRC RECORDING SECRETARY

Ron then asked to appoint Tom Pollard as the **CRC Secretary**
Motion Moved Vote: 9/0/0 **Passed**

CRC AGENDA

Ron then reviewed the **CRC Agenda** which was previously distributed and posted on Basecamp with Streamlining Presentation was added.

refer to Appendix - A01 - CRC 2022 Agenda

Motion Moved by: Montreal Chapter - Mathieu Rondeau and 2nd by: Halifax Chapter - Dan Bourque
Vote: 9/0/0 CNV **Passed**

Jayson Bursill, CRC CoChair, reviewed the CRC room locations and events for later today. There are a few people that are being setup for remote access. Companion program was to start at 11:00am and meeting in the hotel lobby.

refer to Appendix - A02 - 2022 Region II CRC Companion Agenda

SOCIETY and REGIONAL HIGHLIGHTS

Ron indicated that Ginger Scoggins, Society Pres Elect, would be reviewing some Society items during her presentation. Ron indicated that the Society Annual meeting in Toronto went well, but getting visas for travellers was an issue for some.

REVIEW OF HONORS AND AWARDS

Ron called on Nicolas Lemire and Isabelle Lavoie to discuss the **Society Awards**.

refer to Appendix - J - Honors and Awards FlowChart

Honors & Awards is one of the best ways to recognize the members who are doing different things at the Chapter, Regional, Society level. This also recognizes the members that have accomplished great things in their professional lives.

The Flow Chart has a summary of what is required to obtain awards (one page) which is helpful to see and requirements. There are Chapter service awards and Regional services awards. Chapters should also review for nominations to ASHRAE Fellow. Due dates are Dec 1 and May 1 (hard deadlines) for submission to the Honors & Awards Committee so can be reviewed before the Society meeting. The page is also on the Basecamp web site on the Honors & Awards area.

There could be candidates in the chapters that could have awards presented to them and their members BIO needs to be updated on the Society web site. Older members may need assistance to get BIO's updated.

There is a list of Region 2 past award winners available that can be reviewed.

RVC ROLL-OFF DATES

Ron then reviewed the Regional positions:

2022 = CTT, SA

2023 = MP, RP, YEA

2024 = DRC, RMCR, GA

Tom Pollard, Region 2 Webmaster mentioned that RVC contact names and years are on the Region 2 web site.

ASHRAE TRAVEL VOUCHERS

Ron indicated travel receipts to be submitted through the Society web site:

REGIONAL PHOTO

(photo taken of Delegates and Alternates + DRC – at back of room)

THE CRC ORIENTATION SESSION ADJOURNED AND CONCLUDED
AT 9:39AM ON Fri Aug 26, 2022

MINUTES OF THE FIRST BUSINESS SESSION – Fri Aug 26, 2022 1:00pm

The following attended the 1st Business Session

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
#100 Halifax	Dan Bourque	Jarid Wilson
#117 NB/PEI	Kevin Clannon	Mike Boudreau
#013 La Ville de Quebec	Olivier Bernier	Guy Breton
#014 Montreal	Mathieu Rondeau	Mai Anh Dao
#015 Ottawa Valley	Ryan Dickinson	Celine Baribeau
#016 Toronto	Kurt Monteiro	Beatriz Salazar
#037 Hamilton	Mitchell Rohrer	Stan Holko
#116 London Canada	Raj Denadayalan	Jeff Armstrong
#141 Windsor	Amanda Forest	Jamie Smith

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Alice Yates	Society	Society Staff- Gov't Affairs
Ronald Gagnon	Montreal	DRC
Danny Castellan	Windsor	RMCR
Doug Cochrane	Toronto	Regional Representative
Darryl Boyce	Ottawa	Society Presidential Member
Tom Pollard	London Canada	CRC Secretary / RVC Historian
Don Weeks	Ottawa Valley	CRC Chair
Jayson Bursill	Ottawa Valley	CRC CoChair
Frank Mesicek	Hamilton	RVC MP
Ibrahim Semhat	London	RVC RP
Elizabeth Primeau	Ottawa Valley	RVC SA
Abhi Khurana	Toronto	RVC CTTC
Alekhy Kaianathbhatta	Toronto	RVC YEA
Michael Genin	Toronto	RVC GA
Isabelle Lavoie	Montreal	Nominating Member

VISTORS

Aaron Besseling (Hamilton - Chapter Pres Elect/CTTC); Roch Conturier (NB/PEI - Chapter YEA); Zach Torne (NB/PEI - Chapter GAC); AJ DeSanis (Windsor - Chapter Secretary); Evans Mutua (Ottawa Valley - Chapter Treasurer); Dan Boudrain (NB/PEI - Chapter SA); John Willden (NB/PEI - Chapter RP); Yves Savoie (NB/PEI – Chapter RP); Shawn Walton (Montreal – Chapter Secretary)

Ron Gagnon, DRC, opened the 1st Business Session at 1:08pm on Fri Aug 26,2022.

Ron then reminded everyone about the **ASHRAE Code Of Ethics** and read to the group

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APPROVAL OF 2021 CRC MINUTES

Ron Gagnon, DRC, called for discussion and **Motion** for approval of the minutes from 2021 CRC - Virtual
Moved by: Montreal Chapter - Mathieu Rondeau and 2nd by: Quebec City Chapter - Olivier Bernier
All voted in favour of the motion and the approval of the 2021 CRC Minutes
Approved (9/0/0 CNV)

STATUS OF 2021 REGION 2 MOTIONS SUBMITTED TO SOCIETY

Ron Gagnon, DRC, called upon Dan Castellan, RMCR to report on the motions from last year at Society and the status of these motions.

refer to Appendix - B - Region 2 Society Motion Status 2022

READING OF PREPARED NEW MOTIONS

Dan then presented/read the New 2022 Draft Prepared Motions that had been prepared so far so that Delegates and Alternates could do an initial review and discuss before formal discussion and voting on Friday. (refer to motion tables of this 2022 CRC for the actual final motions presented).

2023 CRC BUDGET – LONDON, ONT

Ron Gagnon, DRC, called on Ibrahim Semhat and Tom Pollard, CRC London Chairs.

refer to Appendix – F01 - Appendix - F01 - ASHRAE CRC 2023 LONDON

Appendix - F02 - CRC 2023 Agenda

Appendix - F03 - CRC 2023 London Budget

Ibrahim Semhat indicated CRC will be returning to Oakwood Resort in Grand Bend which has hosted previous CRC. Attendees may wish to extend their trip to enjoy the surroundings and the beach. CRC will be Friday to Sunday on Aug 25, 26, 27/2023. Friday night is planned for main event so proposing to have all as Full Registrations. The budget has some partial registrations but this might be eliminated. The hotel room rate is \$179 per night plus taxes. Rooms have been recently renovated. Registration numbers are based on Ottawa registrations.

SOCIETY OFFICER REPORT / LEADERSHIP PRESENTATION

Ron Gagnon, DRC, called on Ginger Scoggins, Society President Elect for their reports and presentations.

Ginger presented a high level overview of what has been going at Society.

refer to Appendix - I01 - ASHRAE Leadership Presentation 2022

Society has a Commercialism Policy which limits that products should not be compared but does allow meetings to have sponsors.

Nominations – there are different types: elected by the Board of Directors, and appointed Committees. If interested in a position in ASHRAE then be sure to let someone know. Members can self nominate

There are also Honors and Awards

A Simplified Rules of Order has been prepared as a reference sheet.

The Board has a standing committee that was formed for DIVERSITY EQUITY AND INCLUSION IN ASHRAE.

The DEI Task Group was charged to develop detailed programs and initiatives that would seek to eliminate all forms of discrimination and social injustice, and proactively drive diversity, through all levels within ASHRAE.

A task force is also formed for Building Decarbonization. The ASHRAE Task Force for Building Decarbonization (TFBD) has been established to develop technical resources and provide leadership and guidance in mitigating the negative carbon impact of buildings on the environment and the inhabitants of our planet.

The Distinguished Lecturer (DL) program provides speakers for chapters and regions.

ASHRAE Board meeting are open to anyone who wishes to attend and will have links to allow for virtual attendance.

A new 10% discount is available if a company has 5 new employees who join ASHRAE.

A free winter or annual conference is available to new members in the first 2 years of their membership.

Government Affairs activities increased.

SOCIETY PROPOSED BOD COMPOSITION & LEADERSHIP STRUCTURE / STREAMLING

refer to Appendix - I02 - ASHRAE Proposed BOD Composition and Leadership Structure

Ginger Scoggins, Society President Elect explained that there is a motion on the floor at Society that is being reviewed and discussed. The current Board of Directors is around 32 people. As this is a major change to the Board structure, a 60 day cooling off period before the motion is voted on when next meet in Istanbul, Turkey in Oct 2022. The motion has a proposal to make changes to be Board.

The goal is for visiting officers to present at CRC about what the Board is proposing so members can weigh in. Feedback and concerns are welcome. If the motion is passed at the Board (requires two thirds passing vote) then the bylaws would be revised and a membership vote would also be required (also requiring a two thirds vote to pass).

Current structure setup in 1959 and not much has changes expect that member has grown significantly.

Total Current Board Of Directors (BOD) Members: 32

A new proposed option to create Districts. ASHRAE shall create a new supervisory level, called a DISTRICT, in the current organizational structure. A District shall consist of 2 to 4 Regions. A District will be chaired by a District Director (DD). The DD will sit on the ASHRAE Board of Directors. The District Leadership will consist of the District Director and Regional Chairs (currently DRC) within the District boundaries.

The proposed change would then have 20 BOD members.

Discussion involved as to what the change was trying to “fix”. It is currently thought that the Board is to large. This would make the Board smaller, more agile and more strategic.

[BREAK]

SOCIETY STAFF REPORT

Ron Gagnon, DRC, called on Alice Yates, Society Staff- Gov’t Affairs, for the Staff Report.

Alice Ginger presented

refer to Appendix - I03 - Staff Report for Region II CRC Fall 2021

Staff are available for supporting members

Bring expertise to policy makers.

Government outreach is done by members. 10 outreach events including high-level meetings with MPs and Natural Resources Canada

CHAPTER REPORTS

Ron Gagnon, DRC, called upon each chapter delegate for their reports and highlights of the past year activities.

refer to Appendix C – Chapter Reports

#100 Halifax	Dan Bourque
#117 NB/PEI	Kevin Clannon
#013 La Ville de Quebec	Olivier Bernier
#014 Montreal	Mathieu Rondeau
#015 Ottawa Valley	Ryan Dickinson
#016 Toronto	Kurt Monteiro
#037 Hamilton	Mitchell Rohrer
#116 London Canada	Raj Denadayalan
#141 Windsor	Amanda Forest

**THE CRC Business Session #1 ADJOURNED AND CONCLUDED
AT 5:00PM ON Fri Aug 26, 2022**

EVENING

DINNER
AND

WELCOME PARTY / HOSPITALITY SUITE

MINUTES OF THE SECOND BUSINESS SESSION – Sat Aug 27, 2022 8:30am

The following attended the 2nd Business Session

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
#100 Halifax	Dan Bourque	Jarid Wilson
#117 NB/PEI	Kevin Clannon	Mike Boudreau
#013 La Ville de Quebec	Olivier Bernier	Guy Breton
#014 Montreal	Mathieu Rondeau	Mai Anh Dao
#015 Ottawa Valley	Ryan Dickinson	Celine Baribeau
#016 Toronto	Kurt Monteiro	Beatriz Salazar
#037 Hamilton	Mitchell Rohrer	Stan Holko
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Jayson Bursill	Ottawa Valley	CRC CoChair
Frank Mesicek	Hamilton	RVC MP
Ibrahim Semhat	London	RVC RP
Elizabeth Primeau	Ottawa Valley	RVC SA
Abhi Khurana	Toronto	RVC CTTC
Alekhy Kaianathbhatta	Toronto	RVC YEA
Michael Genin	Toronto	RVC GA
Isabelle Lavoie	Montreal	Nominating Member

VISTORS

Aaron Besseling (Hamilton - Chapter Pres Elect/CTTC); Roch Conturier (NB/PEI - Chapter YEA); Zach Torne (NB/PEI - Chapter GAC); AJ DeSanis (Windsor - Chapter Secretary); Shawn Walton (Montreal – Chapter Secretary); Azadih Ghadoni (Toronto – Chapter MP); Amira Mea (Toronto – Chapter YEA); Jaired Sowiak (Toronto – Chapter Membership); Adewwumi Adepoju (Toronto – Chapter CTTC); Marili Maire (Toronto – Chapter GAC); Elias Borver (Toronto – Chapter CTTC); Yasaman Amidpour (Toronto – Chapter Diversity); Reaz Usmana (Hamilton – Chapter MP); James Smith (Windsor – Chapter MP); Daniel Redmond (Ottawa - Society CTTC); Dan Boudreau (NB/PEI – Chapter SA); Kajan Singham (Toronto – Chapter YEA); Marco Cinlilla (Hamilton – Chapter YEA); David Taiango (Hamilton – Chapter GAC); John Willden (NB/PEI – Chapter RP)

Ronald Gagnon, DRC, opened the 2nd Business Session at 8:37am on Sat Aug 27, 2022.

Introductions for Newcomers in the room.

Ron then reminded everyone about the **ASHRAE Code Of Ethics** and read to the group

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Diversity Commitment

ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and for the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation or education.

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Ron called on Jayson Bursill - CRC CoChair for the days events and meeting room locations.

REGIONAL 2 STATISTICS

Ronald Gagnon, DRC, then presented the **Region 2 Statistics Table** prepared from combing each of the chapter reports and allowing a year to year comparison. A review of the Regional Statistics and the chapter membership numbers (assigned and dues paying members) as the numbers effect the Region 2 Budget.

refer to Appendix - C00 - B - 2022 Chapter Statistics Table

Total for Chapter Dues Paying Members = 1761 for 2022

was 1507 in 2021, 1586 in 2020, 1820 for 2019, and 1771 for 2018

Reduction in Region Dues Paying members will effect the Regional Fund and the Seed for CRC 2023.

REGIONAL VICE-CHAIR (RVC) REPORTS

Ronald Gagnon, DRC, then asked the RVC reports and highlight the year activities as a region.

refer to Appendix D – RVC Reports

Chapter Technical Transfer (CTTC) - Abhi Khurana

Student Activities (SA) - Elizabeth Primeau

Government Affairs (GA) – Michael Genin

Research Promotion (RP) - Ibrahim Semhat

Communications Committee (CC) - Tom Pollard

History - Tom Pollard

{remainder of the RVC Reports completed at the 3rd Business Session on Sun Aug 28/2022}

The 2nd Business Session adjourned at 9:57am to allow for the Executive Session #1 to begin at 10:00am

LUNCH AWARDS EVENT
and
PRESIDENTIAL ADDRESS

Farooq Mehboob, 2022-23 ASHRAE President
Presidential Address:
Securing Our Future

REGIONAL 2 AWARDS

refer to Appendix E – Award Presentation 2022

PRESSIDENTAIL ADDRESS

Presented by Ginger Scoggins - Society Pres Elect

refer to Appendix - 104 - FMehboob Presentation For Others

Afternoon of Sat Aug 27, 2022 - attendees at Workshops

DINNER/BANQUET EVENT

**with
Dueling Pianos**

**then
HOSPITALITY SUITE**

MINUTES OF THE THIRD BUSINESS SESSION – Sun Aug 28, 2022 8:00am

The following attended the 3rd Business Session

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#117 NB/PEI	Kevin Clannon	Mike Boudreau
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Elizabeth Primeau	Ottawa Valley	RVC SA
Abhi Khurana	Toronto	RVC CTTC
Alekhy Kaianathbhatta	Toronto	RVC YEA
Michael Genin	Toronto	RVC GA
Isabelle Lavoie	Montreal	Nominating Member

VISTORS

Aaron Besseling (Hamilton - Chapter Pres Elect/CTTC); Roch Conturier (NB/PEI - Chapter YEA); Zach Thorne (NB/PEI - Chapter GAC); Shawn Walton (Montreal – Chapter Secretary); Amira Mea (Toronto – Chapter YEA); Adewwumi Adepoju (Toronto – Chapter CTTC); Marili Moise (Toronto – Chapter GAC); Elias Borver (Toronto – Chapter CTTC); Reaz Usmana (Hamilton – Chapter MP); James Smith (Windsor – Chapter MP); Dan Boudreau (NB/PEI – Chapter SA); Kajan Singham (Toronto – Chapter YEA); Marco Cinlrella (Hamilton – Chapter YEA); David Taiango (Hamilton – Chapter GAC); Evans Mutua (Ottawa – Treasurer); Badri Patel (Toronto – Secretary); Jared Sowail (Toronto – Chapter CTTC); Arush Dewet (Toronto – Chapter Refrig); Eshan Patil (Toronto – Chapter Comm); Juysan Bursil 9Ottawa – Chapter Secretary); Frances Guillennette (Quebec – Chapter CTTC)

Ronald Gagnon, DRC, opened the 3rd Business Session at 8:13am on Sun Aug 28, 2022.

Ron then reminded everyone about the **ASHRAE Code Of Ethics** and read to the group

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Ron called on RVC's to complete the reports

REGIONAL VICE-CHAIR (RVC) REPORTS (continued)

refer to Appendix D – RVC Reports

Region Members Council Representative (RMCR) - Danny Castellan

Young Engineers In ASHRAE (YRC/YEA) – Alekhya Kaianathbhatta

Membership Promotion (MP) – Frank Mesicek

EXECUTIVE SESSIONS REPORT

Ronald Gagnon, DRC, called on Isabelle Lavoie to report on the results of the Executive Session.

Isabelle reports that after 3 meetings, the Delegates and Alternates have been able to complete and fill in names that are required so their duties are complete. Member names are listed for the Ethics Review Board.

ASHARE RESEARCH CANADA (ARC)

Ronald Gagnon, DRC, reported that there is no ARC report. Once received the report will be distributed.

ASHARE SOCIETY STREAMLINING DISCUSSION

Ronald Gagnon, DRC, reviewed the proposal by Society to create District with a District Director.

refer to Appendix - I02 - ASHRAE Proposed BOD Composition and Leadership Structure

Discussions reviewed the proposal arrangement. Ron would like to express the Region opinion as to the proposal.

Discussion involved as to what the changes was trying to fix. Adding additional level may reduce the access to the Board and adds another step. As a grassroots society the membership should be as close as possible to the Board. With a large Board it may be hard to hear all opinions. The streamlining may require changes to the process.

WORKSHOP REPORTS

Ronald Gagnon, DRC called for the Regional Workshop Reports that had occurred during the CRC.

CHAPTER TECHNICAL TRANSFER (CTT) WORKSHOP REPORT - Abhi Khurana

Attendance: 17 with 9/9 chairs

Training went well. Review organization structure. Reviewed PAEO for each section. Brainstorming session. Sharing items on Basecamp. Would like to have Chapter CTTC Chair and CoChair both attend and also have Refrigeration Chair if possible.

STUDENT ACTIVITIES (SA) WORKSHOP REPORT - Liz Primeau

Attendance: 7 with 4/9 chairs

Plan to work with YEA. Reviewed how to run an activity, importance of K to 12, did a pop quiz.

GOVERNMENT AFFAIRS (GA) WORKSHOP REPORT - Michael Gerin

Attendance: 8 with 7/9 chairs (6 are new)

Also in the workshop was Ginger Scoggins, Alice Yates, and Doug Cochrane. In person was of more value to the chairs. Reviewed activities, how to secure meetings with gov't officials, what to focus on. Discussed decarbonization topic.

RESEARCH PROMOTION (RP) WORKSHOP REPORT - Ibrahim Semhat

Attendance: 7 with 3/9 chairs

Reviewed rolls of RP Chairs, start campaign early, set goals (slightly totals reduced from last year), plan on having quarterly meetings.

HISTORICAL WORKSHOP REPORT - Tom Pollard

Attendance: 5 with 2/9 chairs

History is being created now which needs to be documented. Chapters have Basecamp that can be used to store items that can be used by the Chapter Board for future reference.

COMMUNICATIONS WORKSHOP REPORT - Tom Pollard

Attendance: 5 with 2/9 chairs

Needs to be done by more than one person as have newsletter web site, social media. (maybe get YEA or SA involved).

RMCR/CHAPTER OPERATIONS WORKSHOP REPORT – Dan Castellan

Attendance: 18 with 9 delegates & 8 alternates

Discussed general items including what the chapters are doing and budgets, tax documents, dealing with membership lists, web site items.

YOUNG ENGINEERS IN ASHRAE (YEA) WORKSHOP REPORT - Alekhya Kaianathbhatta

Attendance: 7 with 5/9 chairs

Reviewed goals, possible events, PAOE items. Joined with SA for a portion

MEMBERSHIP PROMOTION (MP) WORKSHOP REPORT - Frank Mesicek

Attendance: 10 with 5/9 chairs and 2 cochairs (all chapters represented)

Discussed best practices, communication with members. MP is connected to everything else. Can not be done with just one person as ideally have 2 or 3 for new and retention as need help. Suggested to get new members on a committee to get them engaged with the chapter

EXECUTIVE SESSION & NOMINATING REPORT

Ronald Gagnon, DRC, called on Isabelle Lavoie for a report from the **Caucus and Executive Sessions**.

Isabelle the positions:

Nominating Member - Isabelle Lavoie

Nominating Alternate - Nicolas Lemire

Nominating Reserve Alternate - Ibrahim Semhat

The Ethics Review Board for next year will be the same as Nominating:

Member - Isabelle Lavoie

Alternate - Nicolas Lemire

Reserve Alternate - Ibrahim Semhat

Isabelle had previously reported all required positions had been filled with names.

REGION 2 FINANCES

REGIONAL FINANCES INCLUDING 2022-2023 BUDGET

refer to Appendix - H01 - ANNUAL FINANCIAL SUMMARY REPORT 2021-2022

Appendix - H02 - ASHRAE REGION II FINANCIAL REPORT 2021-2022

Appendix - H03 - Copie de Ashrae Region II 2021-2022 expenses

Appendix - H04 - Copie de Region II Proposed Budget 2022-2023

Ronald Gagnon, DRC presented the draft Regional Financial Budget for 2022-2013 to allow for review and questions.

Last year with virtual meetings there was no budget and very little expenses. Some chapter assessment payments are still due (not received at the time of the report – just sent out to the chapters). Chapter assessments typically distributed at the spring planning meeting. Expenses had some bank charges but as funds are with a credit union then they distribute/return some based on their profits. Expenses down as RVC's did not attend Society meeting in Las Vegas. Chapter dues was reduced for one year.

Audit of Regional Funds and Income/Expenses are typically done by the past CRC Host Chapter but as meeting was virtual there was no assigned chapter.

ACTION ITEM: Ronald Gagnon to have audit arranged of Region 2 funds

The Chapter Opportunity Fund is not currently indicated. CRC Ottawa expects to have slight positive/profit as more sponsors (budget of 18,000 but was able to get \$24,500) but had late signups and expenses. New chapter dues paying members is 1761.

Budget proposed to spend down some of the regional fund but need to be watched to see if anything needs to be changed in future.

Motion: to accept the Region 2022-2023 budget

Moved By: Montreal Chapter - Mathieu Rondeau

Seconded By: Quebec - Olivier Bernier

Vote Count: 9/0/0 For/Against/Abstained CNV (chair not voting)

CRC 2023 LONDON BUDGET

refer to Appendix - F01 - ASHRAE CRC 2023 LONDON

Appendix - F02 - CRC 2023 Agenda

Appendix - F03 - CRC 2023 London Budget

Dates: Friday Aug 25/2023 to Sunday Aug 27/2023 (same schedule is planned as CRC Ottawa)

It is expected most attendees will arrive in Thu Aug 24/2023

The location is a resort and has hosted the CRC the last time London hosted. The area has several activities for families and includes access to the “blue ribbon” beach. Packages for other activities yet to be planned.

[BREAK]

LAND ACKNOWLEDGEMENT

Ronald Gagnon, DRC called on Niss Feinder – ASHRAE Toronto Chapter and Historical Committee Chair to have briefing and discuss having a Land Acknowledgement as part of ASHRAE meetings.

Niss mentioned that the ASHRAE Toronto Chapter had proposed to be a mention about land acknowledgement at the meeting. It was uncovered that not having a proper acknowledgement may create more harm than good. Canada has a mess of agreements and history in relation to indigenous groups with a patchwork of items. A discussion with some has started. Would need to reach out and be in consultation with local indigenous groups. Some information can be found at: United Nations Declaration on the Rights of Indigenous Peoples. An education component was suggested to bring about meaning full changes as a lot of people are not aware of some of the issues.

2022 SOCIETY AND REGIONAL MOTIONS

Ronald Gagnon, DRC, reviewed the motion process by reading of the motion with a Delegate to “Move”, then having a Secondar to the motion before the motion can be discussed. If there is no Secondar to the motion, then the motion will die. The Chair votes when there is a tie. There are 2 types of motions: Regional Motions (tagged as ‘R’) and Society Motions (tagged as ‘S’). Members speaking about a motion to indicate if they are for or against a motion and then can bring up any comments. If there are changes then the amendment need to be separately voted on before returning to the main motion

S=Society Motion, R=Regional Motion

2022 Motion #	STATUS For/Against/Abstain	MOTION
2022-S-01	PASSED 9/0/0	Moved that Society provide “Directors and Officers Liability Insurance” for Chapters Officers, by June 2023 and renews coverage annually
2022-S-02A	DEFEATED 0/9/0	Moved that Society to have promotional items used by a chapter and any promotional shipping rate/packaging system to have assigned any profits from the items to the chapter’s RP campaign

2022-S-02C	PASSED 8/0/1	Moved that Society offer a bulk discount to chapters at the merchandise store.
2022-S-03	PASSED 9/0/0	Moved that Society to offer French translation services of specific ASHRAE standards and documents to regions who have local French language use as a legal requirement and French is a recognized as an official language.
2022-S-04	PASSED 9/0/0	The ASHRAE Society should create API's (Application Programming Interface) / web services or another electronic means to allow chapters to automatically update their membership lists (to keep track of chapter dues paid on the society website vs chapter website/active members). The API should also allow chapters to push updates to the society database of which members pay chapter dues, so there is consistent data on chapter membership / participation. Chapters would allow area assigned members to be registered chapter members based on society level membership grades, with the option of each grade having different chapter dues (student could have no chapter dues and still be chapter members).
2022-S-05	PASSED 9/0/0	Moved that Society offers support to chapters for building and maintaining chapters websites through "pre-negotiated" agreements and discounts with national suppliers.
2022-S-06	PASSED 9/0/0	Moved that Society increase the PAOE points YEA16 for each YEA event at chapter meetings or separate organized YEA event to 100 points, and YEA17 for each YEA activity outside of chapter meetings that include a technical component to 100.
2022-S-07	PASSED 9/0/0	Moved that Society allow purchase of carbon offset for all transportation costs.
2022-S-08	DEFEATED 0/9/0	Moved that Society modify the Transportation Policy to allow for group transportation options.
2022-S-09	PASSED 9/0/0	Moved that Society make available to chapters a liquid low risk investment vehicle that enables them to park/invest money in good years to hedge for bad years.
2022-S-10	DEFEATED 0/9/0	Moved that Society provide a basecamp account/project for each Student Branch.
2022-S-11	PASSED 9/0/0	Moved that Society pay for a consultant with Canadian expertise to advise all Canadian Chapters on incorporating as a registered not-for-profit with regards to structure, liability for executive and tax implications.
2022-S-12	PASSED 9/0/0	Move that physical award ribbons and banners distributed at CRC be replaced by digitized versions, so they can be included on Chapter websites and electronic displays.
2022-R-01	PASSED 8/0/1	Moved that Region 2 extend the same reimbursements to Society Grassroots Committee Chairs and Vice Chairs as they do for the RVC's attending the winter and summer meetings (\$250 / night x 3 nights).
2022-R-02	PASSED 8/0/1	As the Director and Region Chair (DRC) for Region 2 is the direct representative of the Region's members to ASHRAE's Board of Directors, the Toronto Chapter moves that the Region 2 DRC recognizes and acknowledges the consensus of the Chapters in the Region regarding any position concerning restructuring of ASHRAE's Regions or Board of Directors and will vote in accordance with this consensus at any proposed actions that may come before the Board of Directors.
2022-R-03	DEFEATED 1/6/2	Moved that Region II change the CRC dates to the third week of August for all future CRCs past 2023, to maximize the participation of volunteers and chairs, taking into account the "back to school" period.

2022 SOCIETY AND REGIONAL MOTION DETAILS

Society Motion: 2022-S-01

Moved By: Montreal Chapter Seconded By: Halifax Chapter

Motion: **Moved that Society provide "Directors and Officers Liability Insurance" for Chapters Officers, by June 2023 and renews coverage annually.**

Background Information: Society supplies chapters with general liability insurance. The insurance does not cover “Directors and Officers Liability Insurance”. There has been a strong trend to make associations directors more and more personally accountable for their decisions (<https://lareau.ca/article/10-qr-sur-lassurance-des-administrateurs-et-dirigeants-do/>) and it is a good practice to have D&O insurance. It has been noticed that some companies are requiring D&O proof of insurance before having employees, sit on any association or company board.

D&O insurance is usually requested as an extension of the general liability insurance. Therefore, it has been observed that many (Canadian) insurers do not sell “only” D&O insurance or supply it at significant cost, which chapters are required to cover.

Therefore, D&O insurance should be provided by Society using Society’s power of negotiation, instead of having individual chapters to negotiate D&O insurance.

D&O Insurance Policy Cost for Montreal was \$1,350CAN + \$200CAN commission+tax (\$1,550CAD+tax for the chapter)
D&O Insurance negotiated at Society level would enable estimated savings of at least 10% to 13% (\$150CAD to \$200CAD commission) per chapter.

Fiscal Impact: Savings over \$150CAD per chapter per year unknown

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-02A

Moved By: Montreal Chapter Seconded By: Hamilton Chapter

Motion: **Moved that Society to have promotional items used by a chapter and any promotional shipping rate/packaging system to have assigned any profits from the items to the chapter’s RP campaign**

Background Information: Promotional items are a good way of branding ASHRAE’s engagement and recognition and could be used by chapters to raise RP funds (assigning benefits of reselling ASHRAE merchandise through RP campaign). Actually, there is little or no financial benefits for a chapter to use ASHRAE’s Merchandise from the ASHRAE store to resell item to it’s chapter’s members, while shipping options, shipping costs, rates exchange and overall base product costs are usually prohibitive (compared to having local merchandise designed locally by a chapter and ordered to a local merchant). Chapter’s membership committee and chapter’s operations may not always have the time, flexibility and resources to engage such project of promotional item’s production. This usually ends up not using promotional items by chapters. Building branding and engagement around ASHRAE should be everybody’s focus.

Fiscal Impact: \$1,000 (estimate) per year per chapter (ex.: benefits of +/-50% to +/-30% on approx \$2000 to \$3000 of potential use of ASHRAE promotional material used by chapters)

Vote: **DEFEATED** Vote Count: 0/9/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-02C

Moved By: Montreal Chapter Seconded By: Halifax Chapter

Motion: **Move that Society offers a discount rate for bulk purchased items to chapters**

Background Information: Society provides ASHRAE RP merchandise available free of charge to chapters, however anything that is ASHRAE-branded, but not explicitly RP-focused is available to purchase at full price only. There is currently no discount available for chapters to promote ASHRAE in general using Society-purchased merchandise.

Fiscal Impact: Not aware of financial impact of merchandise sales on ASHRAE’s bottom line, but chances are that benefits from merchandise sales at the chapter level will end up being used for the chapter’s RP contribution.

Vote: **PASSED** Vote Count: 8/0/1 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-03

Moved By: Montreal Chapter Seconded By: Quebec Chapter

Motion: **Moved that Society to offer French translation services of specific ASHRAE standards and documents to regions who have local French language use as a legal requirement and French is a recognized as an official language.**

Background Information: Some Quebec jurisdictions require commercial language and communications to be predominantly in French. Therefore, many institutions documents are required to be in French.

Province of Quebec in Canada requires all commercial language and communications to be predominantly in French.

Therefore, many institutions documents are required to be in French. Private companies also need to comply to certain level, where promotional documents need to be predominantly in French (including manufacturers, distributors, engineering consulting firms, etc.). Local regulations in Quebec requires predominant use of French language in many sectors. Refer to

- <https://www.ledevoir.com/politique/quebec/600986/presentation-de-la-nouvelle-loi-101> ,

- [https://www.ledevoir.com/loi-](https://www.ledevoir.com/loi-101/utm_source=recirculation&utm_medium=hyperlien&utm_campaign=corps_texte)

- 101?utm_source=recirculation&utm_medium=hyperlien&utm_campaign=corps_texte

- <http://m.assnat.qc.ca/fr/travaux-parlementaires/projets-loi/projet-loi-96-42-1.html>

Actual local building codes and norms do refer to some ASHRAE documents but only to their standards number, or to ASHRAE through Federal codes who do refer to the ASHRAE Standards (CMNEB/NECB).

- Significant misinterpretations were observed from delays between the adoption of ASHRAE Standards to Federal

code adoption to Provincial code referring to Federal codes.

- Therefore, local institutions (major building operators and owners), tend to have “homemade” versions of those codes in their own building requirements and project specifications, where errors and misinterpretations were observed.

- With the reinforcement of local regulations May 2022, we expect local regulation organism (“Régie du Bâtiment du Québec”) to enforce the actual trend for having French documentation increasing risk of interfering with ASHRAE standards instead of referring to ASHRAE standards.

- Best practices proposed by ASHRAE standards and documents may be of interest for some institutions such as electric utilities, but local laws tend to prohibit referring to English only standards even if these institutions could refer to ASHRAE when promoting energy efficiency programs.

Standard translation requires professional translation skills and project management to ensure proper terminology for integration within local jurisdiction and it is not recommended to rely on volunteers to support and maintain French standards through time.

Fiscal Impact: A budget of +/- \$10 000 per standard for French translation would be recommended plus annual fees for updates, with a budget of 2 standards per year (ex.: 90.1, 62.1). Society could possibly recover those costs from sponsorship from local jurisdictions and increased membership (local institution referring to ASHRAE instead of homemade standards) – 5% membership increase would compensate cost.

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-04

Moved By: Toronto Chapter Seconded By: Montreal Chapter

Motion: The ASHRAE Society should create API's (Application Programming Interface) / web services or another electronic means to allow chapters to automatically update their membership lists (to keep track of chapter dues paid on the society website vs chapter website/active members). The API should also allow chapters to push updates to the society database of which members pay chapter dues, so there is consistent data on chapter membership / participation.

Chapters would allow area assigned members to be registered chapter members based on society level membership grades, with the option of each grade having different chapter dues (student could have no chapter dues and still be chapter members).

Background Information: Many chapters are managing their rosters manually and this would greatly reduce the cost and members time of maintaining chapter membership rosters.

Fiscal Impact: \$10,000 to \$20,000 capital cost of software development time with significant reduction in chapter operation costs. Currently it cost the Toronto chapter \$3,000 a year to maintain chapter membership rosters

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-05

Moved By: Montreal Chapter Seconded By: Quebec Chapter

Motion: Moved that Society offers support to chapters for building and maintaining chapters websites through “pre-negotiated” agreements and discounts with national suppliers.

Background Information: The image of chapters' and the contact platform with their members are the chapters' websites. Expertise to build and maintain websites are increasing with growing cybersecurity intrusion risks and website technologies improvements (managing certificates, code, etc.) and are not the core expertise of ASHRAE members.

Managing agreements with website suppliers, inclusions and exclusions, is becoming time consuming when done on a unitary or “per chapter” basis and volunteers are not always skilled to do challenge costs, technical issues or even identify if best practices in website design are enforced.

We expect ASHRAE and chapters could globally benefit from a national agreement.

ASHRAE could benefit from a unified corporate image through more common websites structure and image.

Agreements offered to chapters as an “opt-in” option would let chapters transfer gradually to a common platform without breaking current local agreements or binding ASHRAE Society.

Fiscal Impact: None if no scale discount (time or cost)

We estimate potential 10% discount on website suppliers agreements could represent about \$500 per chapter per year compared to unitary pricing.

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-06

Moved By: Halifax Chapter Seconded By: Toronto Chapter

Motion: Moved that Society increase the PAOE points YEA16 for each YEA event at chapter meetings or separate organized YEA event to 100 points, and YEA17 for each YEA activity outside of chapter meetings that include a technical component to 100.

Background Information: With the goal of increasing YEA membership to secure our future, it is important to incentivize

YEA committees to host more events for the membership. In order to encourage YCCs to host more events increasing YEA16 and YEA17 from 25 points each, will help chapters prioritize events that induce growth.

Fiscal Impact: none

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-07

Moved By: Halifax Chapter Seconded By: Toronto Chapter

Motion: **Moved that Society allow purchase of carbon offset for all transportation costs.**

Background Information: Society is promoting decarbonization to help remove carbon from the built environment, however, Scope 3 emissions are also an important contributor to overall carbon emissions. The transportation policy does not seem to allow for "upgrades" offered by some travel organizations such as offsetting carbon emissions.

The goal is to reduce the Scope 3 emissions from society reimbursed transportation activities.

Fiscal Impact: 5% of transportation costs.

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-08

Moved By: Halifax Chapter Seconded By: Quebec Chapter

Motion: **Moved that Society modify the Transportation Policy to allow for group transportation options.**

Background Information: The current transportation policy seems to provide for individuals only, but would not reimburse for activities such as car-pooling, or renting a van.

Given that Society has a decarbonization task-force, and transportation has a high carbon footprint, explicitly mentioning group transportation options would push the message that Society wants to lower its carbon footprint.

Fiscal Impact: Re-jigging the budget codes, so potential increased complexity for Society staff.

Vote: **DEFEATED** Vote Count: 0/9/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-09

Moved By: Montreal Chapter Seconded By: Halifax Chapter

Motion: **Moved that Society make available to chapters a liquid low risk investment vehicle that enables them to park/invest money in good years to hedge for bad years.**

Background Information: Chapters are encouraged to plan with "conservative" yearly budgets, therefore sometimes generating net benefits at end of year.

Some chapters bank account's balance may be perceived as high. Money saved in "operation ops/checking account" may increase chapters risks and impacts of operational errors.

Chapters do not have assets. Cost of events is increasing (golf tournaments being above 50k/event with large upfront deposits values, etc)

Therefore chapters need to keep a high "cash balance" in their bank account as working capital and be able to have financial liquidity to go through difficult economic times and respect engagements such as employees payroll and contracted agreements.

Endowment funds are great funds to invest profits at the Society level for research but cannot be cashed in by chapters quickly in case of economic issues and therefore cannot be used and considered as working capital.

Money saved from chapters in Society level could be aggregated (ie. from many chapters/region wise) and optimized

Fiscal Impact: unknown

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-10

Moved By: Halifax Chapter Seconded By: Montreal Chapter

Motion: **Moved that Society provide a Basecamp account/project for each Student Branch.**

Background Information: Archiving data on Basecamp is one of the core reasons to implement Basecamp, so that there is a centralized place to ensure continuity among chapter leadership and committee chairs.

Student Branches undergo much more turnover than at a Chapter level, with some universities having only 2 years with engineering or technical students. In the event that a Student Branch is "at risk" or gets closed, it would be helpful to SA chair as well as the Student level as well to have history and background to get back up and running.

This would require additional time for Staff to set up the accounts and assist manage them. SA chairs could also help with the management.

Fiscal Impact: None. Society already has a Corporate Basecamp account

Vote: **DEFEATED** Vote Count: 0/9/0 For/Against/Abstained

Society Motion: 2022-S-11

Moved By: Halifax Chapter Seconded By: Toronto Chapter

Motion: **Moved that Society pay for a consultant with Canadian expertise to advise all Canadian Chapters on**

incorporating as a registered not-for-profit with regards to structure, liability for executive and tax implications.

Background Information: Our understanding is that all US chapters benefit from not-for-profit status as an umbrella consequence of Society having not-for-profit status. The 16 Canadian chapters across Regions II and XI, represents nearly 10% of society chapters, and there is no centralized guidance on corporate structure or tax implications.

A consultant should be hired to provide an opinion on the best way to protect executive and leadership at the Canadian Chapter level.

Fiscal Impact: Halifax Chapter engaged a lawyer specialized in not-for-profit for \$250 in 2019, and Ottawa Chapter engaged a lawyer for \$2500 in 2020. Guidance on a federal level may cost more.

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Society Motion: 2022-S-12

Moved By: Toronto Chapter Seconded By: Halifax Chapter

Motion: **Move that physical award ribbons and banners distributed at CRC be replaced by digitized versions, so they can be included on Chapter websites and electronic displays.**

Background Information: The current award ribbons are lost, and chapters are moving away from physical displays and replacing them with electronic displays. This motion makes it easier for chapters to promote awards they've been winning with appearances and language across all chapter websites.

Fiscal Impact: Unknown (minimal)

Vote: **PASSED** Vote Count: 9/0/0 For/Against/Abstained (Chair Not Voting)

Regional Motions

Society Motion: 2022-R-01

Moved By: NB/PEI Chapter Seconded By: Montreal Chapter

Motion: **Moved that Region 2 extend the same reimbursements to Society Grassroots Committee Chairs and Vice Chairs as they do for the RVC's attending the winter and summer meetings (\$250 / night x 3 nights).**

Background Information: We have some members of Region 2 attending society meetings as Committee Chair's and/or Vice Chairs of Society committees who currently are not reimbursed for their hotels and incidentals. Society covers their travel and conference fees but not their hotels and incidentals. There are at currently at least two individuals in this position in Region 2.

Fiscal Impact: \$3000 per year from Region 2 Funds

Vote: **PASSED** Vote Count: 8/0/1 For/Against/Abstained (Chair Not Voting)

Society Motion: 2021-R-02

Moved By: Toronto Chapter Seconded By: Halifax Chapter

Motion: **As the Director and Region Chair (DRC) for Region 2 is the direct representative of the Region's members to ASHRAE's Board of Directors, the Toronto Chapter moves that the Region 2 DRC recognizes and acknowledges the consensus of the Chapters in the Region regarding any position concerning restructuring of ASHRAE's Regions or Board of Directors and will vote in accordance with this consensus at any proposed actions that may come before the Board of Directors.**

Background Information: This motion is to bind the vote of the DRC to the will of the Chapters in Region 2 to ensure that the grassroots opinion of the chapters is reflected in this important restructuring of the board.

Fiscal Impact: None

Vote: **PASSED** Vote Count: 8/0/1 For/Against/Abstained (Chair Not Voting)

Society Motion: 2021-R-03

Moved By: Quebec City Chapter Seconded By: Halifax Chapter

Motion: **Moved that Region II change the CRC dates to the third week of August for all future CRCs past 2023, to maximize the participation of volunteers and chairs, taking into account the "back to school" period.**

Background Information:

- The Region II CRCs are currently held on the last weekend of August (for instance, August 26 to 28/2022).
- This period is in conflict with the "back to school" week for many chapters.
- Some directors and members are currently not able to attend the CRC because of agenda conflicts.
- Moving the CRC one week before would be fairly easy and result in better chapter involvement.
- Before 2018, CRCs were held in the third week of August.

Fiscal Impact: None

Vote: **DEFEATED** Vote Count: 1/6/2 For/Against/Abstained (Chair Not Voting)

END OF MOTIONS

Supplemental – due to time limits and to allow some to leave to catch flights, the last few motions were not all able to be presented, reviewed, discussed and voted on at the CRC in Ottawa. The remaining motions were presented at a virtual meeting on Sept 7/2022 to the Delegates. On Sept 7/2022 the virtual meeting discussed the remaining motions and the voting results have been added to the above list.

The main meeting continued with remaining items on the agenda.

REGION 2 WEBSITE and BASECAMP

Ronald Gagnon called on Tom Pollard to discuss the Region 2 web site and Basecamp

Tom Pollard indicated that Region 2 Basecamp allows items to be shared and that all chapters also have Basecamp areas. The region 2 web site is open to public viewing. Past CRC minutes and notes are posted. The Website is using the free space provided by Society so there is no “back end” database to add items. If there are new items that should be added they can be forwarded so that Tom can be added.

UPCOMING CRC DATES AND LOCATIONS

Aug 25 to 27, 2023 - London, ON (chairs – Ibrahim Semhat, Tom Pollard)

Aug 23 to 25, 2024 - Toronto, ON (chair – tbd)

Aug 22 to 24, 2025 - Hamilton (chair – tbd)

It was discuss about moving the CRC to be earlier in the year but some other regions also have fall CRC's so that moving/changing is difficult due to having Society Staff and Officers attend. Normal time for Region 2 CRC is the 4th weekend in Aug.

FINAL REMARKS

Ronald Gagnon, DRC, then thanked the Delegates and Alternates for their participation and discussion over the 3 days. Ottawa made a great event and it was welcome to meet in person.

Ron thanked the Society Officers for attending and their time commitment along with CRC presentations.

Ginger Scoggins - Society Pres Elect and Alice Yates - Society Staff- Gov't Affairs

Ron then proposed a Motion that the meeting be adjourned.

Moved By: Halifax Chapter

Seconded By: NB/PEI Chapter

Vote: 9/0/0

The 3rd Business Session of the 2022 CRC was concluded.

THE 3rd BUSINESS SESSION & CRC ADJOURNED AND CONCLUDED AT 11:58AM on Sun Aug 28, 2022

A CRC debriefing meeting was held after the adjournment.

2022 Region II CRC – Ottawa, ON: Agenda rev 2

Day 1: Friday, August 26th			
Time (EDT)	Event	Participant	Location
07:00 – 08:30	Breakfast	Full, Full Companion, Full Child	Pearson
07:00 – 18:00	CRC Registration	All	Outside Pearson
08:30 – 09:30	Orientation Session		Ontario
	<ol style="list-style-type: none"> 1. Welcome Remarks 2. ASHRAE Code of Ethics 3. Introduction 4. Appointment of the CRC recording secretary 5. Review and approval of CRC Agenda 6. Presentation of CRC and today's events 7. 2021-2022 Society and Regional Highlights 8. Review of Honors and Awards 9. Review of RVC roll off dates 10. Travel Vouchers – requirements 11. Regional Photo 	R. Gagnon R. Gagnon ALL R. Gagnon R. Gagnon J. Bursill R. Gagnon I. Lavoie I. Lavoie R. Gagnon DRC, Delegates and Alternates	
09:30 – 11:45	Caucus Session no 1	Delegates, Alternates, I. Lavoie, N. Lemire	Ontario
09:30 – 11:45	Regional Meeting DRC/ARC/RVCs	Regional Officers	Confederation
10:30 – 10:45	BREAK	Full	Pearson
12:00 – 13:00	LUNCH	Full, Full Companion, Full Child	Pearson
13:00 – 17:00	Business Meeting #1	Delegates, Alternates, and Regional Officers <i>All are welcome</i>	Ontario
	<ol style="list-style-type: none"> 1. Call to Order 2. ASHRAE Code of Ethics 3. Approval of 2021 CRC Minutes 4. Report of 2021 Region II Motions submitted to society 5. Reading of any prepared Motions for 2022 CRC 6. CRC 2023 Budget 7. Society Officer Report 8. Streamlining presentation 9. ASHRAE Staff Report 10. Chapter Reports (5 minutes each) <ol style="list-style-type: none"> a. Halifax b. NB/PEI c. Québec City d. Montreal e. Ottawa f. Toronto g. Hamilton h. London i. Windsor 	R. Gagnon R. Gagnon R. Gagnon D. Castellan D. Castellan T. Pollard G. Scoggins G. Scoggins A. Yates D. Bourque K. Clannon O. Bernier M. Rondeau R. Dickinson K. Monteiro M. Rohrer R. Deenadayalan A. R. Forest	

	11. Meeting Adjournment	R. Gagnon	
15:00 – 15:15	BREAK	Full	Pearson
18:00 – 22:00	Taco and Poutine Welcome Party	All	Pearson
22:00 – 24:00	Hospitality Suite	<u>Adults Only</u>	Quebec

Day 2: Saturday, August 27th			
Time (EDT)	Event	Participant	Location
07:00 – 08:30	Breakfast	All	Pearson
07:00 – 18:00	CRC Registration	All	Outside Pearson
08:30 – 09:45	Business Meeting #2 1. Call to Order 2. ASHRAE Code of Ethics 3. Presentation of today's events 4. Regional Statistics 5. RVC Reports (5 minutes each) a. CTTC b. SA c. GAC d. RP e. CC f. Historian g. RMCR h. YEA i. MP 6. ARC (ASHRAE Research Canada) 7. Meeting Adjournment	Delegates, Alternates, and Regional Officers <i>All are welcome</i> R. Gagnon R. Gagnon J. Bursill T. Pollard A. Khurana E. Primeau M. Genin I. Semhat T. Pollard T. Pollard D. Castellan A. Kaianathbhatta F. Mesicek G. Perrault R. Gagnon	Ontario
09:45 – 10:00	BREAK	Full and Partial	Pearson
10:00 – 11:45	Caucus Session no 2	Delegates and Alternates	Ontario
10:00 – 11:45	CTTC Session #1	CTTC Chairs	Boardroom 400
10:00 – 11:45	YEA Session #1	YEA Chairs	Boardroom 500
10:00 – 11:45	SA Session #1	SA Chairs	Boardroom 600
10:00 – 11:45	MP Session #1	MP Chairs	Boardroom 700
12:00 – 13:30	Awards Luncheon with Presidential Address	Full and Partial	Pearson
13:45 – 17:00	Chapter Operations	Delegates and Alternates	Ontario
13:45 – 17:00	GAC Session	GAC Chairs	Laurier
13:45 – 17:00	History and Communications Session	History and Comms Chairs	Confederation
13:45 – 17:00	CTTC Session #2	CTTC Chairs	Boardroom 400
13:45 – 17:00	YEA Session #2	YEA Chairs	Boardroom 500
13:45 – 17:00	SA Session #2	SA Chairs	Boardroom 600
13:45 – 17:00	MP Session #2	MP Chairs	Boardroom 700
13:45 – 17:00	RP Session	RP Chairs	Boardroom 800
15:00 – 15:15	BREAK	Full	Pearson
18:00 – 22:00	Dueling Piano Banquet	All	Pearson
22:00 – 24:00	Hospitality Suite	<u>Adults Only</u>	Quebec

Day 3: Sunday, August 28th			
Time (EDT)	Event	Participant	Location
07:00 – 08:30	Breakfast	All	Pearson
07:00 – 08:00	Caucus Session #3 (<i>if required</i>)	Delegates and Alternates	Ontario
08:00 – 11:30	Business Meeting #3 1. Call to Order 2. ASHRAE Code of Ethics 3. RVC Reports (5 minutes each) <ul style="list-style-type: none"> a. RMCR b. YEA c. MP 4. ARC (ASHRAE Research Canada) 5. Streamlining discussions 6. Workshop Reports and Motions (5 minutes each) <ul style="list-style-type: none"> a. CTTC b. SA c. GAC d. RP e. CC f. Historian g. RMCR h. YEA i. MP 7. Report from Executive Sessions 8. Finances 9. Approval for 2022-2023 Region II Budget 10. Region II Audit 2021-2022 11. Motions 12. CRC 2023 London 13. New Business <ul style="list-style-type: none"> a. Land Acknowledgment 14. Website Basecamp 15. CRC dates for the next three years <ul style="list-style-type: none"> a. London: Aug 25-27 2023 b. Toronto: Aug 23-25 2024 c. ? 16. Final Remarks 17. Meeting Adjournment	Delegates, Alternates, and Regional Officers <i>All are welcome</i> R. Gagnon R. Gagnon D. Castellan A. Kaianathbhatta F. Mesicek No report A. Khurana E. Primeau M. Genin I. Semhat T. Pollard T. Pollard D. Castellan A. Kaianathbhatta F. Mesicek I. Lavoie R. Gagnon R. Gagnon R. Gagnon D. Castellan T Pollard I Semhat R. Gagnon N Feiner T. Pollard R. Gagnon R. Gagnon R. Gagnon	Ontario
09:45 – 10:00	BREAK	Full and Partial	Pearson
11:45 – 13:00	CRC Debriefing	DRC, ARC, ASHRAE Dignitaries, Ottawa CRC Chair, and London CRC Chair <i>All are welcome</i>	Ontario

Room Legend:

Room	Location
Ontario	Lower Lobby
Quebec	Lower Lobby
Pearson	Mezzanine
Laurier	Mezzanine
Boardroom 400	4 th Floor (near elevator)
Boardroom 500	5 th Floor (near elevator)
Boardroom 600	6 th Floor (near elevator)
Boardroom 700	7 th Floor (near elevator)
Boardroom 800	8 th Floor (near elevator)

Note: All rooms related to the conference will have signage on the door

Friday, August 26th

11:00 am: Meet at front lobby of Lord Elgin hotel

11:30am: Arrive at National Art Gallery. Enjoy guided tour and free time at the various exhibits (<https://www.gallery.ca/>)

1:30pm: Re-group and walk to Byward Market

2:00-3:00pm: Free time to enjoy the various cafes, vendors, shops and attractions around the market (<https://www.byward-market.com/>)

3:30pm: Re-group and arrive back at Lord Elgin hotel

Saturday, August 27th

10:00am: Meet at front lobby of Lord Elgin hotel

10:30am: Arrive at the Canadian Museum of History. Options are available to take public transit to the museum or take an approximately 30min walk, crossing the famous Alexandra Bridge with panoramic views of Parliament Hill

10:30am-12:30pm: Guided tour and free time at the museum (<https://www.historymuseum.ca/>)

12:30pm-2pm: Lunch at a local microbrewery

2:30pm: Arrive at Canadian War Museum (<https://www.warmuseum.ca/>)

2:30pm-4:00pm: Enjoy the various exhibits of the museum

4:30pm: Arrive back at the Lord Elgin

REGION II FALL CRC MOTIONS

Last Revised: 12/15/2021

Toronto Chapter - Motion 4A (11/4/2021):

That ~~Members Council directs~~ the Conferences and Expositions Committee ~~to~~ make 1 of the 8 tracks for the Toronto Annual 2022 meeting on the current hot topic of “Building Decarbonization” by 10/09/2021.

Answer: This motion was referred to the Conferences and Expositions Committee. CEC agrees that the ASHRAE Conference is an ideal opportunity to highlight the latest research on Building Decarbonization and to underscore ASHRAE's expertise and impact in this field. When the motion was originally discussed during the Members Council meeting, the tracks for the Annual 2022 conference were already announced.

For the 2022 Annual Conference, the conference chair did not include a separate 'decarbonization' track because it was felt that a number of different programs could address aspects of decarbonization differently. Nonetheless, the chair is open to creating a decarbonization track if there are a number of programs submitted and scheduled. In fact, CEC did just that for the 2022 Winter Conference when it scheduled 5 of 6 building decarbonization submissions submitted by the Task Force for Building Decarbonization in the technical program. **(Complete)**

Montreal Chapter – 2021 CRC Motion 1:

That the “Chapters’ reports made available by the Society” states the involvement of chapter’s and region’s assigned members on Technical Committees and other Technical activities at Society level, including involvement TC by June 2022.

Answer: The above motion was withdrawn because this is already available on the website under Chapter Reports. An action item was assigned to staff to include the DRC and RMCR on the email to the chapter president elect when staff sends the annual electronic chapter packet of information. **(Complete)**

Toronto Chapter – 2021 CRC Motion 3:

That PAOE Points for YEA5, YEA6 and YEA7 shall be automatic by June 2022.

Status: An action item was assigned to Staff and IT to review the current PAOE to determine feasibility and if this can be done through the automated process, after which the motion will be referred to the assigned PAOE YEA ad hoc. **(Open)**

Toronto Chapter – Motion 6.a (11/10/2020):

That Society, allocate RP funds from branch offices to the correct Chapter, and not to the chapter where that companies HQ resides.

Answer: It is the policy of the RP Campaign to credit gifts according to donor wishes. In most cases, that means that the local chapter is credited for gifts from a company branch, but there are exceptions. The RP Committee is reaching out to the Toronto Chapter in order to understand the circumstances of this motion and to communicate campaign policy. **(Complete)**

Toronto Chapter – Motion 7 (11/10/2020):

That Society continue the HVAC Essentials training in Canada with Canadian instructors while the border between the US & Canada is closed.

Answer: Members Council was not in favor of this motion. It was reported that according to ASHRAE's Professional Development Manager (Karen Murray), ASHRAE has not offered face-to-face HVAC training since March 2020 and do not expect that it will change at this time. However, the Professional

Development group have been working on a schedule for online training which will be offered across the globe. Also, Joel Primeau will be one of the online instructors. **(Complete)**

Montreal Chapter – Motion 8 (11/10/2020):

That ASHRAE allows members to choose either a standard, a book, a guide, a course or ASHRAE merchandise instead of the annual handbook at the time of renewal.

Answer: Members Council was not in favor of this motion. This action was already in progress, see information below from MP staff. **(Complete)**

Effective beginning SY 2021-22, Full Members and Associate Members will be able to choose one of the following for the benefit of membership each year:

- That year's Handbook (pdf)
- One ASHRAE Standard of the member's choosing (pdf)
- One eLearning Course of the member's choosing

Montreal Chapter – Motion 10B (11/10/2020):

That donation to ASHRAE Foundation scholarships from a Canadian chapter or a Canadian Member are recognized by Society in Canadian dollars in order to use the same currency as ASHRAE Research Canada objectives be referred to the Foundation Trustees for consideration with copy to the RP Committee as an information item.

Status: This motion was referred to the Foundation Trustees for consideration with copy to the RP Committee as an information item. **(Open)**

Montreal Chapter – Motion 10.c (11/10/2020):

That Region 2 volunteers identify what MP and GAC documentation is required in French and begin translation which Society will review and post to the Society web site.

Status: This motion was referred to the Communications Committee for comment. **(Open)**

Halifax Chapter – 2020 CRC Motion 4:

That standard local bylaws be updated to allow for e-Votes at board of governor meetings. Currently votes are allowed by people present at the meeting in person only.

Answer: An action item was assigned to the Manual Subcommittee to use the same verbiage of electronic voting in the chapter constitution and bylaws that are currently in the ROB and MCO since this is already available. **(Complete)**

Montreal Chapter – 2020 CRC Motion 5:

That Society dedicates a Go-To-Meeting and Go-To-Webinar administrator access for each Region to facilitate the scheduling of our monthly meeting and virtual events. All chapters could have a dedicated log in account to help plan their events.

Status: This motion is being sent back to the chapter to determine 1) fiscal impact and 2) explore other inexpensive options that are available.

Toronto Chapter – Motion 7a (11/14/2019):

That Society revise the criteria for the Scholarship Program to allow the contribution to be taken in Canadian funds and the scholarship be given in Canadian funds.

Status: This motion was referred to the Scholarship Trustees for consideration and was later referred to

the ASHRAE Foundation Trustees since the issue involves the contribution of funds, which is the responsibility and work of the ASHRAE Foundation. **(Open)**

Quebec Chapter – Motion 8 (11/14/2019):

That funding for the Women in ASHRAE (WIA) be restored and maintained as it was before the announcement that ASHRAE was ending its financial support of the WIA program and activities.

Answer: Members Council was not in favor of this motion. The WIA Breakfast (Winter) and WIA Happy Hour (Annual) events and funding were not cut for the two events. The WIA Breakfast and WIA Happy Hour are currently in the 2019-20 budget and will be in the 2020-21 conference budget unless otherwise notified. **(Complete)**

Montreal Chapter – Motion 9 (11/14/2019):

That in order to protect members against identity theft, the Full Date of birth (month-day-year) should not be requested at member's registration but only MONTH and YEAR.

Answer: Members Council was not in favor of this motion. The ASHRAE IT and MP staff took an action item to comment on the current procedures taken to: protect member data; impact of cost and services; and impact on programs that currently uses the full date of birth. Their responses are shown below. **(Complete)**

Comments from MP Staff: From a programmatic stand point, ASHRAE uses the birthdate to determine eligibility for certain member grades. Affiliate is required to be less than 30, Life is 65 or older, Retiree is 55 or older, YEA is 35 years or younger. MP staff also thinks that other awards may have some sort of age requirement, but cannot speak to those with authority. MP staff are also asked for demographics on ASHRAE's membership that tracks age, average age of total membership so the age is used quite a bit. Only allowing month/year would require extensive reprogramming, as IT staff references below. MP staff agrees that we should focus our efforts on data security versus trying to reprogram to remove date. One possibility in the meantime is that the birthdate could be removed from Chapter reports and provide only the age to chapter officers to lower the chance of the date getting into the wrong hands.

Comments from IT Staff: From a technical perspective, protecting member data from theft is vital and should not be limited to the scope of birthdate. IT is skeptical how much additional security would be gained by removing day from the birthdate given the other data that would be lost in a breach condition. ASHRAE has recently conducted a thorough security assessment and continues to use industry best practices and equipment to protect ASHRAE's environment (i.e. firewalls, intrusion protection systems, access control, physical security, security policies, resource isolation, etc.). That said, banks and other institutions with much larger resources than ASHRAE have indeed been breached and so the threat is real. Fortunately, ASHRAE is likely much lower on the radar compared to larger institutions.

It may be possible to change the underlying date format of this field in ASHRAE's database, however it's difficult to say what kind of rippling impact it would have on the many areas of our site it would impact. For example, our Join, Renew, Profile, Account creation, and Internal/Chapter Reports would all need to be modified and tested. The content management system IT uses, NetForum, by default utilizes a full date and this is what drives many baseline types of data interaction. This would be a fairly sizable effort.

IT's suggestion is to continue to strengthen all data security measures and use our energy for that as opposed to cherry picking single pieces of data. IT already has additional security strengthening projects actively in the works and the member sentiment for security re-affirms ASHRAE's commitment to strong security. IT Staff has an action item to use the month and year on the reports.

Toronto Chapter – Motion 10 (11/14/2019):

That Society hold at least one in four annual (summer) conference in a location outside of the United States.

Answer: Members Council was not in favor of this motion. When selecting a site for ASHRAE's annual conference, Society looks for cities that meet the following criteria (click on the link; this is posted on the ASHRAE.org website under the Conferences section): [Criteria for City/Hotel Selection for an ASHRAE Annual Conference](#)

- Accessibility and convenience to attendees
- Affordability for attendees and for Society
- Ideal Venue layout (i.e. one building or multiple buildings within walking distance)

An average of about 85% of ASHRAE annual conference attendees are based in the United States or Canada, therefore ASHRAE has kept annual conference sites in those two countries. The 2022 annual conference will be hosted in Toronto. Any city is welcome to place a bid on the next available ASHRAE annual conference in 2025. Any inquiries from interested cities can contact meetings@ashrae.org but all cities must be able to meet the criteria in the above link before submitting a bid. All bids are reviewed by CEC and the components listed above are the biggest factors that CEC takes into account when reviewing proposals. ASHRAE Meetings Section will announce an RFP for the 2025 Annual Conference next spring/summer. Chapters are encouraged to take the opportunity by putting in a bid to host the annual conference. **(Complete)**

Toronto Chapter – Motion 21 (11/14/2019)

That Society hold one HVAC Essentials course in Region II per year.

Status: This motion was referred to the Training and Education Committee (formerly Professional Development Committee) to determine why the ALI course is saturated and no longer viable as indicated by the region. **(Open)**

Toronto Chapter – Motion 22 (11/14/2019):

That the SA and MP chapter chairs receive a monthly summary report in addition to the individual lapse member emails.

Answer: Members Council was not in favor of this motion. Chapter MP and SA chairs can login and run a report for this information whenever they want. The system can't send digest emails. Most Chairs like the individual emails as it allows for them to handle the one member, then file it away after they reach out to them. A digest is no different than the reports they can already run from the Chapter reports web page at any time they like. Staff is not needed to set up an automated report, they just have to log in and run it when they want to see it. **(Complete)**

Windsor Chapter – Motion 23 (11/14/2019):

That Society "to build a Standard" for neutralization systems for the prevention of release of corrosive wastes entering a sewer system. Corrosive waste neutralization systems do not currently have a standard for compliance and is referenced in the O.B.C. (Ontario Building Code) and N.P.C. (National Plumbing Code) 7.4.4.4 and 2.4.4.4 respectively as a requirement.

Answer: This motion was referred to Technology Council for input from the appropriate TC. Technology Council declined to recommend this standard and determined it was best to approach a plumbing society to develop as this is outside the scope of ASHRAE **(Complete)**

London Chapter – Motion 41 (11/14/2019):

That Society revise the PAOE website page and [PAOE Newsletter](#) to clearly show for each category the chair or co-chairs that can enter points.

Answer: Members Council approved this motion. Staff has taken an action item to update PAOE webpage and PAOE Newsletter that clearly shows in each category which chair and/or co-chair are authorized to enter PAOE points. **(Complete)**

London Chapter – 2019 CRC Motion 4:

That Society revise the PAOE website Communications portion to allow chapter chairs for communications, plus webmaster and plus newsletter editor to enter points.

Answer: This motion was referred to the PAOE Communications ad hoc for consideration and was approved; this will be implemented. **(Complete)**

Toronto Chapter – Motion 4 (11/8/2018):

That Society provide an auto-renewal function for Society collected dues (includes chapter dues if paid through Society).

Answer: This motion was referred to Accounting and IT staff to determine feasibility and costs. The motion will be implemented however members won't be affected until the following year's renewal cycle because they'll approve/choose auto-renewal when they renew this year (2020). **(Complete)**

Toronto Chapter – Motion 5 (11/8/2018):

That the Society provide an option to its members to opt-out of paper copies of the Journal.

Answer: This motion was referred to Publishing and Education Council. Members can opt out now by contacting ASHRAE. The council appreciates the concern for sustainability and is working to grow online/digital advertising revenue, which has supplemented or replaced a portion of many print advertising programs. That growth is occurring; however, print advertising revenue still outpaces online by more than three to one. It will be some years before online revenue will make it possible to rely on it without a substantial print advertising component. Opting out of receiving the print edition has the potential to severely damage the circulation and the accompanying value of the Journal to advertisers.

In addition, the interests of many ASHRAE members are not completely inseparable from those of advertisers in ASHRAE Journal and High Performing Buildings, and as long as the significant revenue stream from advertising supports the greater mission of ASHRAE, it is believed that the Society's work in advancing energy efficiency and sustainability in the built environment worldwide can more than offset the use of renewable/recyclable paper in disseminating its technical information.

In the spirit of the chapter's concerns about sustainable practices, the council is looking for ways to operate more sustainably. As an example, ASHRAE Insights is transitioning to digital-only distribution, and the use of polybag wrap for the Journal is being reduced from 10 issues to 3, with options being explored for eliminating it entirely. **(Complete)**

Montreal Chapter – Motion 6 (11/8/2018) / Motion 27 (06/25/2019) :

That Society provide a web platform, linked to the Society membership database, to be used by local chapters to help manage their local events. The web platform would allow members to register for events, pay with a credit card online, generate certificates for CEUs, etc.

Status: This motion was referred to the Electronic Communications Committee and to the Finance Committee for comment. The Finance Committee referred this motion back to Members Council with the following questions as shown below.

- What are the estimated development costs?
- What are the ongoing maintenance costs?
- Demand – need at the chapter or regional level?
- Will a fee be charged to users or does Society bear the entire cost to implement and maintain?
- Improvements/benefits to service to our members?

Answer: Members Council was not in favor of this motion. ECC received similar motions in the past. Based on the previous motions and their similarity, ECC has made available on the ECC page of

ashrae.org a whitepaper entitled *Electronic Tools Used by ASHRAE Chapters for Websites, Event Planning, and Electronic Communication* containing a list of online tools and resources available to, and currently used by, chapters. ECC notes that this and similar requests for online tools to be used by chapters are reoccurring requests from chapters and therefore, despite the large expense would be open to considering it, however, ECC feels that this is still best addressed at the Chapter level, and not by Society, so recommends at this time that the chapters refer to the guidance currently available from ECC. **(Complete)**

London Chapter – Motion 7 (11/8/2018):

That Society give credit for RP cheques received after the deadline be credited to the next year's campaign.

Answer: This motion was referred to the RP Committee for comment. The RP Committee was not in favor of this motion. After consideration, the RP Committee decided that the current campaign deadline for chapter campaign goals and PAOE points will stand. Chapters are responsible for sending collected funds to ASHRAE headquarters by the June 30 deadline. **(Complete)**

London Chapter – Motion 26 (11/8/2018):

That Society allow access by the Chapter Historian to Regional Members past Society participation information.

Answer: This motion was referred to the Historical Committee. All Chapter Historians are directed to the Society H&A webpage – www.ashrae.org/honors and the H&A Reference Manual for all information regarding Honors & Awards and the nomination processes to be followed. Each Chapter Historian must contact Society to obtain individual members biographical information which should contain all members past Society participation, if it is kept up to date by the individual. Society provides very limited access to ASHRAE members' biographical information for security reasons. **(Complete)**

NB/PEI Chapter – Motion 27 (11/8/2018):

That Society Change the ruling that a candidate for Chapter Service Award or Regional Award of Merit need not be a member in good standing in order to receive the award.

Answer: Members Council was not in favor of this motion. If members are cancelled, they cannot receive an award. If chapters want to recognize members for their past contributions to the chapter they are free to do this on their own. The Regional Award of Merit and Chapter Service Award are presented during the regions' CRC. **(Complete)**

Montreal Chapter – Motion 28 (11/8/2018):

That Society encourage the VRF industry to publish performance data that is aligned with ASHRAE research; in particular, airspeed rates that are aligned with thermal comfort standards and research, as well as room air distribution research. Also, ratings that are based on standard room temperatures.

Answer 02/01/2021: This motion was referred to Technology Council. Technology Council referred this motion to TC 8.7 with copy to the TAC Chair. AHRI addresses the performance of VRF units in its AHRI 1230 Standard. It references ASHRAE 37 but then makes modifications in a normative appendix. This request as well as the request in item 28 has been handled through a negotiation process that included DOE. DOE will reference the AHRI 1230 Standard in its regulation so this and item 17 are complete. **(Complete)**

Montreal Chapter – Motion 12 (11/3/2017):

That the SmartStart fees for new members are changed from \$21-\$78-\$103 to \$20-\$80-\$100 starting in FY2018-19. In the future, when an increase to the dues is warranted for this program, the annual dues for SmartStart new members should be rounded up or down to a multiple of 10 to make it easier to sell.

Answer: This motion was referred to the Finance Committee. The Finance Committee agreed with the motion in principle and implemented rounding up to the nearest 0 or 5 into the newly created membership dues calculation for FY 19-20. **(Complete)**

NB/PEI Chapter – Motion 14 (11/3/2017):

That Society begin to research and publish ventilation information and recommendations on retail cannabis outlets as well as cannabis growing and transformation facilities.

Answer: This motion was referred to Technology Council. Staff contacted legal counsel for advice. The following is the information we received: “The cannabis issue is that we don’t have it legal in the U.S. Until such time we have to be careful what we do. While we can do research it needs to be in countries where cannabis use is legal such as Canada. While legal in some states in the U.S. it is not in all and while I believe there may have been a law recently signed by Trump that would allow states to determine it based on legal advice we need to be careful in regards to publishing things regarding cannabis.” We are cosponsoring a standard on growth houses with ASABE. This information has been shared with the relevant TCs. **(Complete)**

Ottawa Valley Chapter – Motion 15 (11/3/2017):

That Society consider reducing the minimum number of students required to form a formal Student Chapter from 10 student members to 5.

Answer: Members Council was not in favor of this motion. Student Branches cannot sustain itself with five (5) students; students may join another branch in their area. **(Complete)**

Toronto Chapter – Motion 16 (11/3/2017):

That ASHRAE join the Canadian Energy Efficiency Alliance, effective 01 July 2018.

Answer: This motion was referred to the Grassroots Government Advocacy Committee (GGAC). GGAC was in favor of this motion and Members Council approved the following motion from GGAC: “That Society join the Canadian Efficiency Alliance.” GGAC has been working to develop better ways of serving ASHRAE’s non-US members in their government relations activities and advocacy efforts. Joining the Canadian Energy Efficiency Alliance (CEEA) would help support the goal of better outreach for Canadian members. As the background states below, ASHRAE is already a member of the US-based Alliance to Save Energy, and this group has been effective at involving ASHRAE in U.S.-focused policy events and meetings with government officials. The CEEA would serve a similar role, and could further ASHRAE’s advocacy and education work with the Canadian Government. Working in collaboration with an organization aligned with ASHRAE’s mission will provide more opportunities to interact with government officials, in a cost-effective manner. **(Complete)**

Update ASHRAE 2018 Chicago Conference: Members Council approved the following motion from the Grassroots Government Advocacy Committee, “That Society join the Canadian Energy Efficiency Alliance.”

Background: With ASHRAE becoming more involved in the Government Advocacy role outside of the United States, the Society needs to join some of the Alliances in other countries similar to the ones that ASHRAE is currently involved with in the United States. As ASHRAE has no Canadian advocacy staff compliment, the Canadian Energy Efficiency Alliance (CEEA) could assist ASHRAE in providing a voice at the Federal level of the Canadian government. The CEEA is associated with the Alliance to Save Energy (ASE) of which ASHRAE is a member and this is a natural extension.

Montreal Chapter – Motion 31 (11/4/2017):

That 50 PAOE points are added for each chapter activity related to Women in ASHRAE (WIA), with a maximum of 100 points.

Answer: This will be included in the 2018-19 PAOE. **(Complete)**

London Chapter – Motion 4a (10/14/2016):

That Society automatically convert and credit ASHRAE Canadian Members' RP donations made online to Canadian dollars, or allow online donations to be made in Canadian dollars.

Answer: This motion was referred to the Development Committee, ASHRAE Comptroller and IT Staff for consideration. Because of financial impact, it is not feasible to reprogram the current system for credit card processing. The processor used cannot determine US funds vs. International funds when online contributions are made via credit card through ASHRAE Research Canada. ASHRAE does not have the software that determines any form of currency other than US (Canadian dollars are adjusted manually). Contributions received by check from Canada are processed as Canadian dollars. ASHRAE Canadian members receive credit in Canadian dollars when the currency amount is converted by the member at the time the online contribution is made. **(Complete)**

Montreal Chapter – Motion 11 (10/14/2016):

That 100 PAOE points be added for each chapter officer or board of governors member who is a woman, with a maximum of 300 points.

Answer: Members Council was not in favor of this motion. A similar motion from the spring 2016 CRCs failed at Members Council, (That Members Council recommend PAOE points for a chapter having a woman chair a chapter grassroots committee or sit on a chapter BOG.). The Region Operations Subcommittee Chair reported that the subcommittee believes that women are selected for the positions because they are qualified and not because they are women. **(Complete)**

Montreal Chapter – 2016 CRC Motion 4:

That the "YEA Members" Chapter Report be modified in order to have three separate columns on the Excel spreadsheet for "First name," "Last name," and "Prefix."

Answer: The YEA Staff is in agreement with the above motion and took an action item to update and implement this report. **(Complete)**

Ottawa Valley Chapter – 2016 CRC Motion 5:

That Society provide an additional title in the dropdown menu to assign committee members while completing the Chapter Information Questionnaire (CIQ) and that all committees listed on the Chapter Service Award Tally Form (MP, RP, SA, YEA, GGAC and CTTC) have the position of "committee member" added to the dropdown options.

Answer: Staff was assigned an action item to include chapter committee positions as committee members in the CIQ dropdown box. **(Complete)**

Hamilton Chapter – 2015 CRC Motion 4:

That Society expand the PAOE criteria in 2016-17, under the Historical category, to permit the Regional Historian to award up to 100 bonus points to a chapter historian for participating in new historical based activities unique to the Region or Society.

Answer: This motion was referred to the President Elect's PAOE Subcommittee for review and consideration and it will be part of the 2016-17 PAOE (see below for Regional Historian assigns). **(Complete)**

- 100 points: For chapter historian participating in new historical based activities unique to the Region or Society

Hamilton Chapter – Motion 13a (11/5/2015):

That Society modify current ASHRAE "Conference Call Protocol" to allow up to 10 conference call services

to be available at Society Meetings.

Answer: This motion was referred to the Electronic Communications Committee (ECC) for consideration. ECC was not in favor of this motion as the conference call protocol does not address policy. **(Complete)**

London Chapter – Motion 13c (11/5/2015):

That Society allow a member to choose how they receive the ASHRAE Journal and associated items. Options would be as an electronic version only or electronic and mailed version.

Answer: This motion was referred to Publishing and Education Council (PEC) for consideration. PEC response is this is currently an option now for any member who contacts customer service. It should be noted, however, there is adverse negative impact for the selection of digital vs. print ASHRAE Journal on advertising. **(Complete)**

Quebec Chapter – Motion 13d (11/5/2015):

That Society review the actual membership benefits to allow the members to get multiple options of technical documents (guidelines, design guides, standards, etc.) included in the membership, rather than the obligation of the selection the current handbook.

Answer: This motion was referred to Publishing and Education Council (PEC) for consideration. PEC assigned an action time to the Fiscal Planning Subcommittee to review this motion. Based on the information below PEC was not in favor of this motion. **(Complete)**

With regard to the fiscal impact, the Subcommittee reviewed information showing the fiscal impact could range from \$200,000 to \$350,000. This would result from both loss of revenue and increased cost due to reduced Handbook print runs, as well as, a higher level of uncertainty concerning how many Handbooks need to be printed each year, increasing likelihood of unused inventory at end of life or even more expensive unit costs due to reprints. Other issues to consider include if value of the Handbook to the industry would be diminished with fewer Handbooks in circulation and it was not a reference shared by all members.

PEC Consideration Assumptions:

- Selection by members will be made with annual dues payment.
- Members choosing the alternative publication benefit will receive books immediately upon selection, not wait for Handbook publication.
- Existing fulfillment practices will be used for Alternative Publication processing.
- There will be a set selection of publications from which the alternative publication benefit selection can be made. Publications will be available hard copy only. The choices will be roughly equivalent in price to 50% of Handbook nonmember price. Example choices:
 - Standard 90.1
 - Load Calculation Manual
 - Geothermal Heat Pump Guide
 - Hospital Design Guide
 - Laboratory Design Guide
 - Cold Climate Design Guide
 - Understanding Psychrometrics

PEC Fiscal Impact Considerations:

- Handbook Unit Cost – Currently a range of 40,000 to 50,000 Handbooks are printed each year depending on volume. Unit cost is approximately \$10 per book. The unit cost would increase depending on the number of members choosing an alternative publication option. For example, if 10% of members choose an alternative, Handbook unit cost would increase by about \$7,500.

If 25% chose an alternative, impact would be about \$43,750.

- Handbook Print Run – Estimating print needs is already complex with Handbook online, CD, SI and I-P selections. Adding more options would further cloud the ability to predict print run needs. This would result either in over-estimating needs so as to not have a small print run or having a small print run at unit costs that could equal \$35 per unit. This impact factor could range from \$50,000 to \$75,000.
- Handbook Advertising – Reduced Handbook circulation would decrease advertising by \$5,000 to \$10,000 due to the smaller advertising exposure that could be offered.
- Loss of Sales – Some percentage of those making an alternative publication selection would have otherwise purchased the selected publication. If 10% make a selection and half of them would have otherwise bought the publication, the loss of revenue could be \$175,000.
- Other Fiscal Impacts – There would also be costs for an increase in bulk shipping costs (due to smaller bulk shipments). This could be \$5,000 to \$7,000. There would also be additional programming costs.

Hamilton Chapter – Motion 14B (11/5/2015):

That Society enrich the Smart Start Program by adding reduced conference fees to the current reduced membership fees. Target SSP conference fee would be \$25 to \$100 for the first 3 years after graduation.

Answer: This motion was referred to the Conferences and Expositions, Student Activities and YEA Committees for consideration. **(Complete)**

- CEC response: CEC will research registration figures before responding to this motion. CEC approved the following motion: “That Members Council enhance the SmartStart Program (SSP) by incorporating reduced conference registration fees for SSP members at the established “Speaker” registration rate beginning with the 2017 Annual Conference in Long Beach.” CEC also recommends that: a.) SSP include mentoring for these members so that they are encouraged to stay active within ASHRAE; and b.) work with chapters to guide new members in finding fiscally responsible ways to attend the conferences.
- SAC response: SAC is in favor of this motion. It was discussed that this could be tied to a YEA-Student mentorship where the recipient of the reduced rate would be assigned a student member to mentor during the conference.
- YEA response: YEA supports the motion of discounted registration fees for those members participating on the SmartStart program and would recommend tying the discounted rate to the current speakers’ fee.

Update 02/09/2017: YEA supports the discount registration to members of the SmartStart program and takes it under advisement to develop a forum for mentoring opportunities both internal and external to this program. YEA has also taken under advisement to develop a forum for collaboration for cost sharing opportunities between members.

Halifax Chapter – Motion 29b (11/6/2015):

That Society apply to have ASHRAE Research Canada become a Registered Charity.

Answer: This motion was referred to the Finance Committee and ASHRAE attorneys for review. The Finance Committee was not in favor of this motion because ASHRAE does not qualify as a charity under Canadian law. However, contributions may be deductible as a business expense. **(Complete)**

Halifax Chapter – Motion 29c (11/6/2015):

That Society make the ASHRAE.org website mobile friendly.

Answer: This motion was referred to Publishing and Education Council for consideration and to determine the fiscal impact. Currently only a small percentage of website traffic comes from mobile devices. The website Content Management System does allow for device responsive display but implementing will

require a redesign of website and review of structural requirements such as avoiding PDF use. Making ASHRAE.org responsive would only pertain to website content not to the membership records portion of the website which has separate functionality and the bookstore which is done through a third party. Cost of the redesign is estimated to be \$50K to \$80K. If a major site overhaul was conducted cost could easily reach \$200,000. As an example, ASME spent several million dollars on its site redesign which was done in three phases. The PEC asked ECC to continue to keep ASHRAE.org website's "mobile friendliness" as a goal for future website development but no action will be taken at this time. **(Complete)**

Ottawa Valley Chapter – Motion 33 (11/6/2015):

That Society provide additional titles in the dropdown menu used to assign officers during the Chapter Information Questionnaire (CIQ).

Answer: Members Council was not in favor of this motion. During the 2013 Fall Members Council meeting, the council approved a motion to include all positions listed in the MCO on the CIQ dropdown list. This was implemented and although co-chair positions were not on the list, they were included for the following: MP, RP, GGA, SA, YEA and CRC general chair. Also, several chapters have different committees with different names and responsibilities. It would be very difficult to keep up with the variety of positions since each chapter is different. Chapter members who serve in unofficial chapter positions lists their information on their bio under the Member Entered Data section. **(Complete)**

Halifax Chapter – Motion 6b (10/2/2014):

That Society offer a special reduced registration rate for Voting Members of Technical Committees attending Society Annual and Winter Meetings combining the One Day Registration with the Virtual Conference Registration at the current One Day Registration rate allowing the Member to attend what portions of the Conference they could, while giving them access to everything electronically. The proposed reduced rate would be implemented starting with the 2015 Annual Meeting in Atlanta, GA.

Answer: This motion was referred to the Conferences and Expositions Committee (CEC). CEC was not in support of this motion because the Virtual Conference is already included in a single-day registration fee. **(Complete)**

Halifax Chapter – Motion 6c (10/2/2014):

That Society offer a special registration rate for Regional and Society Officers attending Society Annual and Winter Meetings combining the One Day Registration with the Virtual Conference Registration at the current One Day Registration rate allowing the Member to attend what portions of the Conference they could, while giving them access to everything electronically. The proposed reduced rate would be implemented starting with the 2015 Annual Meeting in Atlanta, GA.

Answer: This motion was referred to the Conferences and Expositions Committee (CEC). CEC was not in support of this motion because the Virtual Conference is already included in a single-day registration fee. **(Complete)**

Hamilton Chapter – Motion 10 (10/2/2014):

That Society create a section for each Annual and Winter Conference on recommended (not mandatory) dress code for various meeting settings/events appropriate for the specific locale, event setting, and season. Regions and Chapters can then follow Society's lead in establishing their own recommendations.

Answer: Members Council was not in favor of this motion. This information is already provided in the conference program and online. There isn't enough information in the chapter's background to understand what the issue is. **(Complete)**

Ottawa Valley Chapter – Motion 11 (10/2/2014):

That Research Promotion donations received after the fiscal year deadline (June 30) are assigned to the

forthcoming RP campaign of the local chapter that obtained the donation.

Answer: Members Council was not in favor of this motion. If chapters send in money for checks that were written in the previous campaign but the chapter submits the money after the deadline, the donor will get credit for whichever year they want, but the chapter will not get credit for the upcoming year. This is to prevent chapters from "sandbagging" for the upcoming year. Standard accounting practices do not permit money received late to be put into the RP Campaign. **(Complete)**

Quebec Chapter – Motion 12 (10/2/2014):

That society provides a lower basic membership fee with add-ons for the handbook in paper format, for the handbook in CD format or for the handbook available on-line.

Answer: Members Council was not in favor of this motion. This has been reviewed extensively by Publishing and Education Council. It was determined that the cost of producing the CD is just as expensive as the paper version. The cost is in writing and producing the information, not reproducing it. **(Complete)**

Hamilton Chapter – Motion 19a (10/2/2014):

That Society to create a student LinkedIn page to provide a platform for students to interact with ASHRAE.

Answer: This motion was referred to the Student Activities Committee (SAC). SAC was not in support of this motion. The committee agreed that a Society level student activities LinkedIn site is not a good idea at this time. Furthermore, the consensus was that if Society decides it is appropriate to create an official LinkedIn site, then students should be included with the general membership and not relegated to a separate student's only site. Discussion threads could then be created within the main ASHRAE site that are geared more toward students. Also, students should be able to network with professionals. **(Complete)**

Ottawa Valley Chapter – Motion 19b (10/2/2014):

That current requirement of funding chapter scholarships within 3 years be changed to up to 10 years.

Answer: This motion was referred to the Foundation Trustees. The Foundation Trustees approved the following motion: That the Foundation Board of Trustees change the term for chapters to fund a scholarship from three years to five years. **(Complete)**

Halifax Chapter – Motion 20 (10/2/2014):

That the Society "Transportation Reimbursement Policy for Chapters" (Appendix 2B), be revised to include the YEA Chapter Chairs (YCC) transportation to their Chapter Regional Conference (CRC).

Answer: Members Council was not in favor of this motion. Chapter chairs reimbursed transportation to CRC are grassroots positions and the YEA chair is not a grassroots position. An ad hoc committee on Members Council was assigned an action item to review and address the status of the YEA Committee. **(Complete)**

Update: The Young Engineers in ASHRAE (YEA) was approved as a grassroots committee July 2018.

Halifax Chapter – Motion 17 (01/27/2015):

That Society provides points related to YEA experience equivalent to that of grassroots committees. The proposed change would be made available retroactively for members that had past YEA experience.

Answer: This motion was approved. The Regional Award of Merit and the Chapter Service Award tally forms were revised to include YEA. **(Complete)**

Halifax Chapter – Motion 21 (01/27/2015):

That Society provides a summary chapter membership report that lists the number of chapter members by member grade.

Answer: This motion was approved. A chapter aggregate report is available in the chapter reports section of the website as indicated in Motion 21 and that a video was created to assist members with shortcuts and tips in Excel. **(Complete)**

Halifax Chapter – Motion 22 (01/27/2015):

That Society provides a YEA Regional membership summary report that lists the number of YEA members by chapter.

Answer: This motion was approved. The summary report as indicated in Motion 22 is available in the chapter reports section of the website. **(Complete)**

Hamilton Chapter – Motion 1.1 (10/5/2013):

That Society allows Region II CRC meeting dates to be moved to early September 2015.

Answer: This motion was approved and the CRC schedule has been changed to reflect the September 2015 date. **(Complete)**

Hamilton Chapter – Motion 1.2 (10/5/2013):

That Society add the column “Chapter paid date” taken from the “paid to Society” Excel sheet onto the “Chapter Master List” Excel sheet.

Answer: ASHRAE Staff supports this motion and believes that adding the requested column to the Chapter Master List would streamline the workload of the MP Chairs. This request has been implemented. **(Complete)**

Hamilton Chapter – Motion 1.3 (10/5/2013):

That Society allow Region II the option to use the digit 2 in correspondence to eliminate the confusion with Region Eleven.

Answer: Members Council was not in favor of this motion. However, there is no reason to prohibit the Hamilton Chapter or any other chapter in Region II from using the numeral “2” in its internal communications. **(Complete)**

Ottawa Valley Chapter – Motion 2.1 (10/5/13):

That during the Nomination Process, names of members proposed for positions during the previous CRC be made available to caucus.

Answer: This motion was referred to the Society Nominating Committee for consideration. **See Attachment M2.1-012016** for response to the motion. **(Complete)**

Toronto Chapter – Motion 3.1 (10/5/2013):

That Society rename and rebrand the Presidential Theme as the “Society Theme for XXXX year” rather than keeping the Presidential Theme as name.

Answer: This motion was referred to the Society Board of Directors (BOD) for consideration, the BOD did not approve this motion. While the BOD and the President-elect appreciate the intent of the motion in that it suggests that the annual theme represents Society as a whole, the theme truly belongs to the President for that Society Year, who develops it with feedback and insight from a wide variety of constituencies. Calling it the “Society Theme” might be interpreted to imply that each year Society “changes course” with the installation of a new President. In fact, the annual theme provides guidance for implementation within the scope of Society’s strategic plan. **(Complete)**

Toronto Chapter – Postponed Motion 4.1 (10/5/2013) / Motion 26 (01/27/2015):

That Society create rules and procedures for guidance to the chapters on how to facilitate and implement the social media platforms.

Answer: This motion was referred to Publishing and Education Council (PEC) via the Electronic Communications Committee (ECC) for consideration. An action item was assigned to the Members Council Manual Subcommittee to review the social media policy developed by ECC. The Social Media Acceptable Use Policy guidelines are now included in the MCO (see Appendix 5I) and reside on the ASHRAE website in the MCO section. **(Complete)**

Toronto Chapter – Motion 5.1 (10/5/2013):

That Society allow Toronto to hold the annual summer meeting in Toronto for the year 2022.

Answer: This motion was referred to the Conferences and Expositions Committee for consideration. The Conferences and Expositions Committee (CEC) was unanimous in their support of this request, pending the procedural fiscal due diligence. **(Complete)**

Hamilton Chapter – Motion 19 (10/5/2013):

That Society modify the CRC Historical Profile Form to reflect entries showing the total budgeted cost vs. the actual cost for conducting a CRC.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 20 (10/5/2013):

That the awards banner style be changed to the same size and material except for color as the original banner.

Answer: This motion was approved. **(Complete)**

London Chapter – Motion 24 (10/5/2013):

That Society create and maintain an email list service from the membership database to allow the chapter president, president elect, secretary, and newsletter editor to send chapter notices and newsletters (pdf attachments) to their respective Chapter Membership be referred to staff to determine if this can be done.

Answer: This motion was referred to the Electronic Communications Committee. **See Attachment M24-052014** for response to the motion. **(Complete)**

Toronto Chapter – Motion 33 (10/5/2013):

That Society pay transportation expenses for the Membership Promotion Chairs to attend their local CRC beginning Society year 2014-2015.

Answer: This motion was referred to the Membership Promotion Committee. The Membership Promotion Committee was not in support of this motion. The value of Centralized Training has shown documented results. MP put forth Centralized Training as the content needed more time than is allowable at a CRC as well as the focus and interaction with peers is so valuable that very positive responses has been provided by Membership Promotion Chairs. Society pays for this training, yet MP Chairs are still not 100% participating in many regions, therefore there is doubt that paying for them to attend CRC will make a difference in participation at CRCs. Generally, the Centralized Training is an encompassing process to fully engage the Chair in the available resources and the CRC can then be used for "feet on the ground" action items and executing MBOs in the limited time available which can be as little as one to three hours. **(Complete)**

Toronto Chapter – Motion 34 (10/5/2013):

That Society pay transportation expenses for the Research Promotion Chairs to attend their local CRC beginning Society year 2014-2015.

Answer: Members Council was not in favor of this motion. For similar reasons as stated in Motion 33 above. Research Promotion is critical to our Society and the value of Centralized Training has been demonstrated to be successful. The time available and focus at a CRC is limited and Society should support the more successful delivery of the resources for the benefit of all our members. There is doubt that paying for RP Chairs to attend CRC will make a difference in participation at CRCs. A good practice some Chapters and Regions are engaging is helping in the costs as the value justifies the expense. **(Complete)**

London Chapter – Motion 3.1 (10/19/2012):

That Society modify the membership database, web site reports to allow member profile information to have additional suffix types including profession designations.

Answer: This motion was approved and referred to the ASHRAE IT staff for implementation. **(Complete)**

London Chapter – Motion 3.2 (10/19/2012):

That Society modify membership database, web site reports to allow member profile information to have common name to be use in place of full name.

Answer: This motion was approved and referred to the ASHRAE IT staff for implementation. **(Complete)**

London Chapter – Motion 4.1 (10/19/2012):

That Society make additional efforts to digitize and make available on the Society web site the older issues of Transactions, Insights and Journals publications.

Answer: This motion was approved and referred to the Publishing and Education Council (PEC). The Historical Committee is aware of the issue and PEC has charged staff to move ahead on the matter as expeditiously. The Historical Committee has directed the focus to be on Transaction papers since their content has the greatest historical significance. **(Complete)**

Hamilton Chapter – Motion 16 (10/19/2012):

That Society included in the CRC Delegate and Alternate package up-to-date bios of the current retiring Board and ExCom members.

Answer: This motion was withdrawn. Weeks out from the regions' CRCs, the staff liaison for the Nominating Committee provides temporary access to the member bios for delegates and alternates. **(Complete)**

Toronto Chapter – Motion 17 (10/19/2012):

That Society pay transportation reimbursement for the Membership Promotion Chairs to attend their local CRC events beginning Society 2013-2014.

Answer: The Membership Promotion Committee was not in support of this motion. **(Complete)**

Toronto Chapter – Motion 17 (10/19/2012):

That Society pay transportation reimbursement for the Research Promotion Chairs to attend their local CRC beginning Society year 2013-2014.

Answer: This motion was withdrawn. The Research Promotion Committee provides a \$100 incentive for partial transportation reimbursement to members who request it when attending both their CRC and centralized training. **(Complete)**

Montreal Chapter – Motion 5B (11/5/2011):

That Society remove the ADTBAT Section as sponsored by the Montreal Sub Chapter.

Answer: This motion as amended was approved. **(Complete)**

Ottawa Valley Chapter – Motion 22 (11/5/2011):

That Region II be exempt from attending mandatory centralized training for membership chairs in 2012 and continue to provide MP workshop at the Region II CRC level.

Answer: Members Council was not in favor of this motion. It will set a precedent and prompt a flood of motions from other regions to be exempt from the training and centralized training should not be an option. **(Complete)**

Hamilton Chapter – Motion 26 (11/5/2011):

That ASHRAE establish a Standard Method for Testing the Mist Removal Efficiency and Air Flow Resistance of Oil Mist Collectors.

Answer: This motion was referred back to the Hamilton Chapter which included the website link to submit a request for a new Standard to be developed. **(Complete)**

London Chapter – 2011 CRC Motion 4:

That Society to provide Chapter Officers & Committee Chairs with instructions on how to determine PAOE points from Chapter reports available through Society.

Answer: This motion was referred to the Society President Elect for consideration. **(Complete)**

London Chapter – Motion 8 (10/24/2010):

That ASHRAE allow on-line web access to handbooks to full ASHRAE members in good standing through their ASHRAE membership fees at no extra charge.

Answer: Members Council was not in favor of this motion. There was concern of significant fiscal impact on Society. **(Complete)**

Ottawa Valley Chapter – Motion 9 (10/24/2010):

That Society change the date format on the Chapter Master List report from month/day/year to year/month/day.

Answer: Members Council was not in favor of this motion. Not all chapters will want this change on their reports; an action item was assigned to staff to provide instructions for the chapters' use. **(Complete)**

Hamilton Chapter – Motion 10 (10/24/2010):

That the Society Honors and Awards Committee expand Category E "General Activities" criteria for the Distinguished Service Award and the associated Exceptional Service Award to include points for those ASHRAE Life Members serving on the Executive Board of the ASHRAE Life Members Club [LMC] with 1 point for a year's service as the Chair, 1 point per years' service as Secretary; ½ point per year as Vice-Chair; ½ point per year as Treasurer and ¼ point for each the of the other directors.

Answer: This motion was withdrawn. The H&A Committee recommended that points not be given for service on the Executive Board of the Life Members Club (LMC). The LMC Executive Board is not a recognized standing ASHRAE committee and its level of activity is not comparable with that of groups permitted service points on the ESA/DSA Point Tally Form. **(Complete)**

Hamilton Chapter – Motion 11 (10/24/2010):

That the Society Honors and Awards Committee expand Category E "General Activities" criteria for the

Distinguished Service Award and the associated Exceptional Service Award to include points for those ASHRAE members serving on the Executive of ASHRAE Research Canada [ARC] with 1 point for a year's service as the President, ½ point for a year's service as Secretary; and ¼ point for each of the other three Class "A" Directors.

Answer: This motion was withdrawn. The H&A Committee recommended that points not be given for ASHRAE Research Canada (ARC). The ARC's workload is not comparable to existing recognized groups permitted service points on the ESA/DSA Point Tally Form. **(Complete)**

Ottawa Valley Chapter – Motion 26 (02/01/2011):

That the Society President-Elect update PAOE criteria and point values for History to encourage efforts focused on ensuring preservation and accessibility of chapter historical data.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 2 (10/24/2010):

That Society dissolve the chapter section; Kingston, Ontario, Canada sponsored by the Ottawa Valley Chapter.

Answer: This motion was approved. **(Complete)**

Montreal Chapter – 2009 CRC Motion 1:

That Society Headquarters correct error in the Run Chapter Master List for members who have non matching Print Grade and Member Type information.

Answer: An action item was assigned to staff to correct the error in the Run Chapter Master List for members who have non matching Print Grade and Member Type information. **(Complete)**

Montreal Chapter – Motion 7 (10/25/2009):

That the Program on the CIQ website have more than one scroll menu for functions by members.

Answer: Members Council was not in favor of this motion. The ASHRAE current computer system cannot do this. Each chapter position creates a single record and the computer system is not programmed to select multiple positions or create multiple records simultaneously. **(Complete)**

Toronto Chapter – Motion 8 (10/25/2009):

That to assist in development of society leadership, \$5.00 of each Society membership dues be sent to each region based on their total assigned society dues paying members. This Leadership Fund is to be used as is appropriate for each region to develop society leadership candidates.

Answer: Members Council was not in favor of this motion. This is a regional issue and should be funded by the regional dues assessment; also no plan was provided on how the money would be used. **(Complete)**

Montreal Chapter – Motion 9 (10/25/2009):

That ASHRAE allow chapter staff appointed by the chapter president (for example a secretary) to get a user name and a password for the website without being an ASHRAE member.

Answer: Members Council was not in favor of this motion. The ASHRAE computer system is hardcoded to allow only authorized position-based ASHRAE members to access the database. The fiscal impact would be substantial and we need to safeguard the privacy of member data. The CIQ was modified to include Chapter Administrator as an additional position that is allowed access to the chapter member database,

and chapters with paid staff can have the staff person join ASHRAE and be assigned that administrator position. **(Complete)**

London Chapter – Motion 27 (10/25/2009):

That Society consider a reduced registration fee of \$100.00 for all first time attendees to a Society Annual or Winter Meeting.

Answer: Members Council was not in favor of this motion; this is already in place. ASHRAE sends a free pass flyer coupon to all chapter presidents each year for both the Society Annual and Winter Conferences. This coupon is for first-time meeting attendees and they have a choice of using this coupon as a one-day complimentary (no charge) registration or use toward a \$245 discount on the entire meeting registration. **(Complete)**

Ottawa Valley Chapter – Motion 28 (10/25/2009):

That ASHRAE Research resolve the issue of donations made via credit card online to be in local funds not only American funds.

Answer: This motion was withdrawn. **(Complete)**

Hamilton Chapter – Motion 29 (10/25/2009):

That ASHRAE develop a standard or guideline to define and communicate intent of interoperability of technology systems in an open communications (e.g.: IP, BACnet) environment.

Answer: This motion was referred back to Region II, Hamilton Chapter for more information. To date, no other information was received. **(Complete)**

Toronto Chapter – Motion 3 (10/25/2008):

That the “Gold Ribbon Award” requirements be changed and submitted from every year to every five (5) years for review.

Answer: Members Council was not in favor of this motion. This should be updated each year; it is not just chapters updating chapter information. It also affects publishing history of people and companies in the industry.

Update: The Historical Committee approved the following: A Gold Ribbon is awarded for brand new chapter histories (not updates) or after three updates of the previously submitted chapter history. This new criteria begins with the 2011–12 Society year. **(Complete)**

Toronto Chapter – Motion 4 (10/25/2008):

That the chapter ~~and regional~~ treasurer be given the same level of access to the online chapter database as the chapter membership promotion chair.

Answer: This motion as amended was approved. **(Complete)**

Quebec City Chapter – Motion 15 (10/25/2008):

That ASHRAE fix the renewal date of the membership to June 30th of each year.

Answer: Members Council was not in favor of this motion. This would be cost prohibitive and the ASHRAE current computer system is unable to do this. **(Complete)**

Toronto Chapter – Motion 16 (10/25/2008):

That Society expands the corporate sponsorship at the annual and winter meetings to include support of TCs.

Answer: Members Council was not in favor of this motion. The Society solicits sponsorships that subsidize other meeting costs and it benefits all attendees, even the TCs; in addition it would be difficult to sponsor 200+ committees and subcommittees. **(Complete)**

Hamilton Chapter – 2008 CRC Motion 2:

That ASHRAE add under the Honors and Awards section of the ASHRAE website, details about the chapter PAOE awards and the PAOE history and purpose.

Answer: Members Council agreed to post this information on the PAOE website. **(Complete)**

London Chapter – 2008 CRC Motion 5:

That the Society President Elect review the PAOE point system categories in order to add descriptions and indicate if PAOE points should be claimed as limited or unlimited, and for categories with limited point amounts, have the website checked to ensure that entries are not above the limited maximum amount.

Answer: The PAOE system is programmed not to accept an amount over the number of points that can be earned for specific line items. **(Complete)**

Quebec City Chapter – 2008 CRC Motion 4:

That Society implement (conduct) the ASHRAE research workshop at a CRC for all regions instead at a central location (like Region II does).

Answer: This motion was withdrawn. **(Complete)**

Montreal Chapter – Motion 3 (09/21/2007):

That Society reimburse Chapter Technology Transfer Committee Chairs for transportation expenses related to attendance at Chapters Regional Conferences (CRCs).

Answer: This motion was approved. This same motion was submitted by several regions during their 2007 Fall CRC. Because of this, Members Council considered one motion from Region IV which asked that both the CTTC and SAC chairs be reimbursed. **(Complete)**

Quebec Chapter – Motion 4 (09/21/2007):

That ASHRAE accelerate the process of updating the membership list. This list must be exact by the end of the next following month after a member has paid his membership.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 5 (09/21/2007):

That a year-to-date column be added to the Chapter Change Summary report issued monthly.

Answer: This motion was approved. **(Complete)**

Quebec Chapter – Motion 6 (09/21/2007):

That the staff be instructed to send the recognition items for all major donors (\$500+) directly to the chapter instead of directly to the donor. All other recognition items will be sent directly to the donor (<\$500).

Answer: This motion was approved. **(Complete)**

Toronto Chapter – Motion 7 (09/21/2007):

That Canadian members must enter the chapter that they want to be assigned to when applying or renewing membership and that Society does not automatically make an assignment.

Answer: This motion was approved. **(Complete)**

London Chapter – Motion 24 (09/21/2007):

That Society streamline the process to ensure student membership cards are mailed to students within 60 days of Society receiving their membership applications.

Answer: This motion was approved. **(Complete)**

Toronto Chapter – Motion 25 (09/21/2007):

That Society reinstate giving Canadian members the choice of being able to pay their membership renewal dues in Canadian funds or US funds.

Answer: This motion was approved. **(Complete)**

TO: Vickie Grant, Manager of Region Activities

FROM: Joslyn Ratcliff, ECC Staff Liaison

DATE: May 7, 2014

SUBJECT: Referred Motion from Members Council – Response from ECC

ECC Response:

The motion is overall requesting a change of responsibility of maintaining Chapter membership mailing lists (including email lists) from the Chapter to Society. While that change can be accomplished technically, it will carry a significant fiscal impact, as well as staff resources - both of which will be ongoing and continuous into the future. This is a change that must be made by Members Council, as it will require a change to the MCO (Manual for Chapter Operations).

Therefore, ECC recommends returning the motion back to Members Council.

This motion does not fall under ECC's "jurisdiction", as the motion is requesting that Society be made responsible for maintaining chapter membership email lists (including an email list service), where that responsibility currently lies with the Chapter (ref. MCO - Section 1, Para 1.4.F and Section 8, Para 8.2.B). The membership lists referenced in the MCO Sections includes member email addresses.

If this change was to be made, and Society be required to maintain Chapter email lists, including email list services, the true cost (both initial set-up and ongoing maintenance), would be both significantly greater than the \$500.00 originally stated in the motion's fiscal impact, as well as require significant staff time to both set up and maintain Chapter email list services for the 170+ ASHRAE Chapters.

Currently, Society maintains Society membership data that includes email addresses of members, but that data is NOT customized for each Chapter's individual needs.

Email addresses of chapter members are currently provided for download by relevant chapter officers in the form of an Excel spreadsheet.

Thus the chapter dues paying member list is consequently always available to the Chapter.

ASHRAE Staff Response:

Since member data is already provided from the ASHRAE Chapter website, each chapter officer should have a quick, easy, and correct way to pull the latest data for their communications. The chapter officers that have access can pull this data at any time and from there each chapter can choose how to communicate with its members. ASHRAE Members staff feels this would be the most straightforward way to proceed with what's been requested in Motion 21.

If this data were to be taken or synced into a separate, second location at the Society level or elsewhere, it could lead to inconsistencies in the data. One reason is because there is currently no way for opt-outs to be placed back into ASHRAE's membership database. Furthermore there would still be significant training time involved and cost for not only the initial programming and setup but also the additional block of e-mails to be sent multiplied by a potential 170+ chapters. In addition, not all, chapters choose to send communication to only dues-paying members instead of all chapter assigned members, which

clouds the definition of what would be pulled in to such a list management service. This could lead to incorrect lists from the perspectives of the chapters and intense staff support would be needed.

The StarChapter hosting service, available as an option for ASHRAE chapters at a discounted rate (this is not an official Society product or service), offers various communication options that could potentially fill the need for the "service" part of the request stated in the motion. It's one of the many paid options that exist as optional for chapter websites as an alternative to the free ASHRAE hosting provided by my group. Although ASHRAE doesn't have affiliation with StarChapter, there is a link on the ASHRAE.org website.

To preserve data integrity and the opt-out wishes of ASHRAE members it seems that it would be best to continue to use the chapter data already provided to chapter officials from the ASHRAE website. If that system is not understood, training could be provided. If further communication tools are needed chapters could look into the functionality provided via the StarChapter hosting service.

Region II (London Chapter) – Motion 21:

That Society create and maintain an email list service from the membership database to allow the chapter president, president elect, secretary, and newsletter editor to send chapter notices and newsletters (pdf attachments) to their respective Chapter Membership.

Background: Chapters now maintain their own email lists of chapter members. This list needs to be kept up to date with additions, deletions and changes of chapter members. By having the email list maintained by Society from the master membership database, a member does not need to update email address changes in 2 locations (1-with the Society; 2-with the Chapter). Society currently maintains an email list server for ASHRAE Learning Institute, ASHRAE Standards Action, Bookstore, CIS, Government Affairs, Members First, Project Committees, and Research Project Bidders. This feature to be extended to Chapters.

Fiscal Impact: \$500.00 (estimate for adjustments to the society database and add to current list server software)

Background:

APPENDIX – C

CHAPTER REPORTS

Region 2 Statistics Table

Region 2 PAOE Final Points

#100 - Halifax Chapter

#117 - NB/PEI Chapter

#013 - La Ville De Quebec Chapter

#014 - Montreal Chapter

#015 - Ottawa Valley Chapter

#017 - Toronto Chapter

#037 - Hamilton Chapter

#116 - London Canada

#141 - Windsor Chapter

ASHRAE Region 2 Chapter Statistics

	#100 - Halifax						#117 - NB/PEI					
	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
					COVID virtual meetings						COVID virtual meetings	
Membership Promotion (as of June 1)												
# of Society Area Assigned Members	182	181	181	185	185	192	185	155	155	177	150	144
# of Chapter Dues Paying Members	130	116	115	116	168	168	185	155	155	177	148	144
# of New Members	23	26	16	28	23	14	9	11	16	22	8	10
# of Delinquents	10	14	10	22	21	7	5	16	24	20	22	16
Student Activities (SA)												
# of New Students	29	21	3	11	8	13	25	9	19	25	3	1
# of Student Branches	1	1	1	0	1	0	2	2	2	2	2	2
Advisors that are Members	1	1	1	0	0	0	2	2	2	2	2	1
Chapter Technical Transfer (CTT)												
# of Regular Meetings	8	8	8	6	10	8	9	5	8	6	10	9
Average Attendance	25	28	29	29	22	19	20	30	20	24	16	21
# of Other Tech. Events	1	1	2	1	0	1	0	4	2	3	0	0
# of Distinguished Lecturer used	1	1	1	1	9	2 + 1V	2	2	1	1	5	3
# of Social Events	3	3	3	2	1	4	2	4	4	3	1	1
# of Refrigeration events	0	1	2	1	0	0	1	2	2	1	0	1
# of Chapter Technology Awards (Chapter, Region, Society)	0	0	0	1	0	0	0,0,1 submitted	0	0	0	0	0
Finances												
Total Funds Balance (as of July 1)	\$25,475.01	\$26,585.32	\$44,228.39	\$52,495.69	\$63,980.00	\$44,241.00	\$43,663.79	\$11,610.00	\$58,920.81	\$20,128.00	\$20,631.86	\$10,654.00
Chapter Dues/Per Member	\$65.00	\$65.00	\$65.00	\$75 (tax in)	\$75 (tax in)	75 (tax in)	n/a	n/a	n/a	n/a	n/a	n/a
Members Cost of Meals	\$30.00	\$30.00	\$35.00	\$35.00	n/a	\$30.00	\$20.00	\$30.00	\$20.00	\$20.00	n/a	n/a
Non Member Cost of Meals	\$40.00	\$40.00	\$45.00	\$45.00	n/a	\$40.00	\$30.00	\$30.00	\$30.00	\$30.00	n/a	n/a
Date of Last Chapter Audit required to be yearly	2016-09-01	2017-10-24	2018-09-28	2020-07-01	2021-06-14	TBD	Ongoing	Ongoing	2019-08-16	2019-08-16	2019-07-03	2022-08-24

#013 - La Ville de Québec						#014 - Montreal					
2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
				COVID virtual meetings						COVID virtual meetings	
172	171	169	166	158	163	556	551	561	540	534	534
117	112	107	102	109	106	333	338	356	316	310	319
16	14	19	21	19	16	61	56	54	54	52	66
7	9	14	0	13	10	76	65	31	78	31	54
62	58	44	45	37	24	150	134	72	93	85	47
4	4	4	4	4 (-1)	4	7	8	8	8	8	8
4	4	4	4	3	3	8	8	8	8	9	8
7	7	7	7 -1 cancel	7	7	8	8	8	6	8	8
86	65	75	81	62	70	156	150	136	132	89	72
4	3	3	2 - 1 cancel	1	2	16	7	14	3	6	2
0	1	0	0	1	1	2	2	2	1	2	2
2	3	3	2	0	1	9	8	8	5	6	7
2	1	1	1	0	0	2	2	2	1	2	1
2	2	0,0,0	0	0		3 won/ 6	4,3,2	(5,5,4)	2	(6/6/to come)?	
\$15,027.00	\$25,011.71	\$56,176.73	49 240.89	\$63,313.67	\$77,500.00	\$56,335.00	\$85,919.00	\$81,778.00	\$91,105.00	\$94,930.00	\$212,975.28
\$50.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$73.93	\$73.93	\$73.93	\$89.00	\$79.15	\$91.00
\$45.99	\$45.99	\$45.99	\$45.99	NA	\$65.00	\$53.92	\$60.89	\$78.28	\$79.15	\$89.58 (virtua	\$98.00
\$63.24	\$63.24	\$63.24	\$63.24	NA	\$75.00	\$75.67	\$86.99	\$113.07	\$117.42	\$120.59 (virtu	\$140.00
2016-06-01	2014-05-13	2018-10-26	2019-12-13	2019-12-13	2021-09-02	2016-12-01	2018-06-01	to come	2019-12-06	2020-12-01	2021-12-06

#015 - Ottawa Valley						#016 - Toronto					
2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
				COVID virtual meetings						COVID virtual meetings	
406	460	427	411	394	438	1109	1109	1109	1079	888	1123
237	288	326	242	218	263	549	467	463	348	249	448
43	45	44	38	35	49	102	106	6	138	129	155
28	31	44	41	40	13	111	134	107	108	198	128
26	24	29	31	31	21	101	108	15	126	60	43
2 (+2)	3 (+1)	4	4	4	4	7	7	8	8	8	7
2	Yes	4	4	4	1	Yes	Yes	4	4	4	5
8	8	8	6	8	8	7	7	8	9	9	9
63	61	67	66	39	35	107	112	85	95 / 247	168	70/100
6	3	2	6	6	1	7	7	4	4	8	3
3	4 (3+1)	2	2	6	3 (2+1)	2	2		1		3
9	ovc chapter	4	6	2	5	6	4	8	3	0	2
2	0	1	0	0	0	1	1	1	1	1	0
3	3	2	2	0	4	0	1	1	1	0	0
\$41,538.72	\$25,085.65	\$77,201.59	\$54,204.41	\$65,288.76	\$105,619.62	\$81,802.00	\$81,331.27	\$83,481.00	\$91,200.43		\$51,393.64
\$60.00	\$70.00	\$70.00	\$70.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$102.67
\$45.00	\$48.00	\$48.00	\$48.00	\$48.00	\$48.00	\$55-\$65	\$60-\$75	\$60-\$85	\$60-\$85	\$0.00	80-100
\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65-\$75	\$65-\$85	\$75-\$95	\$75-\$95	5-10	100-120
	Feb-18	Apr-19	Apr-19 for 17-18	mid Dec 2020	mid Dec 2020	2017-08-12	2017-08-12	2015-08-08	2017-08-12	2017-08-12	2021-07-30

#037- Hamilton						#116 - London Canada					
2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
				COVID virtual meetings						COVID virtual meetings	
257	257	270	278	221	270	128	128	126	188	139	127
127	157	149	153	169	171	84	88	95	86	91	97
10	11	11	25	16	22	2	5	9	8	11	13
8	9	15	9	18	10	0	0	11	11	7	13
11	27	32	30	6	16	21	35	41	112	12	16
1	1	2	2	3	3	1	1	1	1	1	1
1	1	2	2	3	3	1	1	1	1	1	1
8	10	8	9	8	9	8	8	8	7	8	7
36	62	35	47	46	32	45	45	45	40	50	20
1	1	1	1	None	0	1	1	1	1	1	0
0	2	4	5	6	5	2	2	2	2	6	7
4	2	3	2	2	2	3	3	3	2	1	2
0	1	0	1	0	0	1	1	1	1	1	0
0	0	1	0	0	0	0	0	0	0	0	0
\$29,828.00	\$31,870.96	\$62,989.61	\$ 43,046.17	\$56,429.69	\$70,479.31	\$14,627.49	\$21,728.00	\$21,520.00	\$17,364.00	\$16,276.00	\$18,084.62
\$85.00	\$85.00	\$85.00	\$85.00	\$85.00	\$85.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
\$45.00	\$50.00	\$50.00	\$50.00	\$50.00	N/A	\$50.00	\$50.00	\$60.00	\$60.00	N/A	N/A
\$50.00	\$60.00	\$70.00	\$70.00	\$70.00	N/A	\$60.00	\$60.00	\$75.00	\$75.00	N/A	N/A
2016-11-01	2018-08-17	2018-08-17	2020-06-23	2021-06-21	2022-08-20	2017-08-16	2017-08-16	2017-08-16	2019-07-01	2018-07-01	2018-07-01

#141 - Windsor					
2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
				COVID virtual meetings	
64	65	65	64	56	57
49	50	54	46	45	45
6	5	8	3	3	1
3	4	4	7	7	3
12	25	10	6	11	17
1	1	1	1	1	1
			0		0
7	7	7	7	7	7
24	25	26	26	30	20
2	2	1	2	2	0
0	2	3	3	7	7
3	3	4	5	2	1
0	0	1	0	1	0
0	0	0	0	0	0
\$14,184.00	\$22,577.00	\$26,611.00	\$26,897.00	\$27,818.21	\$29,709.46
	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
	\$40.00	\$30.00	\$35.00	\$0.00	N/A
	\$50.00	\$55.00	\$55.00	\$0.00	N/A
2017-08-23	2017-09-19	07/23/2019	2020-07-25	8/25/2020	04/30/2022

TOTAL FOR ALL CHAPTERS						
2016-2017	2017-2018	2018-2019	2019-2021	2020-2021	2021-2022	
				COVID virtual meetings		Membership Promotion
3059	3077	3063	3088	2725	3048	# of Society Area Assigned Members
1811	1771	1820	1586	1507	1761	# Chapter Dues Paying
272	279	183	337	296	346	# of New Members
248	282	260	296	357	254	# of Delinquents
						Student Activities (SA)
437	441	265	479	253	198	# of New Students
24	25	31	30	28	30	# of Student Branches
19	17	26	25	26	22	Advisors that are Members
						Chapter Technical Transfer (CTT)
12	14	15	16	42	28	# of Distinguished Lecturer used
						Finances
\$280,942.29	\$331,718.91	\$512,907.13	\$353,394.53	\$408,668.19	\$620,656.93	Total Funds Balance (as of July 1)

Date of Last Chapter Audit
(required to be yearly)

REGION II

2021-2022 Presidential Award of Excellence

*Minimum and PAR points indicated are for 2021-2022

Chapter	Chapter name	AAM AREA Assigned Members	Membership Promotion Minimum 500 PAR 800	Student Activities Minimum 500 PAR 800	RP Minimum 800 PAR 1050	Historical Minimum 100 PAR 300	Communications Minimum 300 PAR 700	Chapter Operations Minimum 600 PAR 1200	Chapter Technology Transfer Minimum 550 PAR 1050	Government Affairs Minimum 500 PAR 650	Young Engineers in ASHRAE Minimum 300 PAR 800	PAOE Point Totals	RANK
13	QUEBEC	163	1225	1275	3859	400	1035	5295	1950	1550	800	17389	3
14	MONTREAL	505	2220	3515	2574	1075	2125	4450	6450	1150	1700	25259	2
15	OTTAWA VALLEY	394	1915	1280	2616	850	900	1435	3600	1100	2350	16046	4
16	TORONTO	1023	3360	2445	1700	1330	1815	8500	6950	1490	3800	31390	1
37	HAMILTON	278	1875	1095	475	200	1170	2625	2450	400	1050	11340	6
100	HALIFAX	185	1375	800	2570	300	1055	1645	1550	750	1075	11120	7
116	LONDON (CANADA)	127	900	565	1100	400	1165	1300	1160	350	875	7815	8
117	NB/PEI	147	225	370	440	200	795	200	1250	0	600	4080	9
141	WINDSOR	57	1225	525	7555	350	790	1205	850	800	1050	14350	5
		2879											

ASHRAE

Halifax Chapter

Chapter# 100

Activity Report

Year 2021-2022

2021-2022 Chapter President : Daniel Bourque

2022-2023 Chapter President: Daniel Bourque (again)

List of Chapter BOG & Officers for the past year: 2021-2022



– Daniel Bourque - President



– Jarid Wilson – President Elect



– Daniel Morris - Treasurer



– Ken Mathekal - Secretary



– Jason Leadbetter – BOG



– Steve Ramsey – BOG



– Conan Baker – BOG



– Aaron Smith – BOG



– Darrell Amirault - BOG

Other Technical or Special Events (beside chapter meetings)

1. YEA Curling Bonspiel
2. YEA Brewery Tour
3. SA – ASHRAE Student Design Competition (first time ever)
4. SA – Tech Tour of new school campus building
5. Sept Golf (and June Golf as well!)
6. Christmas Social
7. Technology Award

YEA/SA Activities

1. YEA Curling Bonspiel
2. YEA Brewery Tour
3. SA – ASHRAE Student Design Competition (first time ever)
4. SA – Tech Tour of new school campus building

Social Events

1. Golf x 2
2. YEA Events were all social
3. Christmas Soirée

Research Promotion/Fundraising

Chapter Goal \$15,000

Total Dollars Raised \$15,177

Number of Chapter Dues Paying Members = 168

Dollars Raised

per Chapter Dues Paying Member = \$90

**Number of Chapter Assigned Members = 192
by Society**

Chapter Finances

Chapter Bank Balance = \$44,241 as of July 1/2022

Chapter Bank Balance = \$63,980 as of July 1/2021

Chapter Bank Balance = \$52,496 as of July 1/2020

Date of Last Financial Audit = 2021/06/14

New things implemented during the PAST year:

1. ASHRAE Student Design Competition – Capstone project with Dalhousie University.
2. Started to implement new ASHRAE Wordpress Template for chapter website (to be revealed shortly...)
3. New bookkeeper and so streamlined finances.

Challenges:

1. Society President got COVID 3 days before meeting
2. Board Member Attendance at BOG meetings still not back to normal
3. Networking and socializing benefits of ASHRAE reduced
4. Due to lower engagement last year, succession plan not thriving = 2-year president term.
5. SA Chair changed companies (less ASHRAE-friendly) partway through year
6. Events finalized with insufficient time to publicize adequately.
7. Lack of in-person CRC and centralized training for past 2 years has lowered engagement and passion for ASHRAE. New volunteers not as peppy.

Things the Chapter is most proud of:

1. ASHRAE Student Design Competition
2. RP goals met with “standard” donation from chapter
3. Increased partnerships with local utility and energy efficiency utility
4. Hybrid board meetings helps with attendance

What about next year 2022-2023?

1. Chapter is taking over the hosting of BuildGreen Atlantic Sustainability Conference
2. Financial subcommittee to deal with surpluses
3. Increased involvement of DEI committee
4. Increase engagement with industry partners (CaGBC/CANS/EfficiencyNS)
5. Reopen student branch that closed during COVID
6. Increase engagement with Newfoundland industry
7. 2 in-person technical tours
8. Increasing prestige of our monthly meetings
9. Wordpress website!
10. ALI Course

ASHRAE

NB PEI Chapter

Chapter# 117

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President : John Wilden

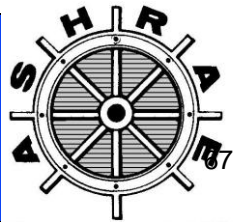
Upcoming Year 2022-2023 Chapter President: Kevin Clannon



Appendix - C02 - NB_PEI Chapter Report 2021-2022

REGION II - 2022 CRC

NB/ PEI CHAPTER REPORT



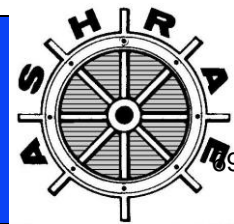
List of Chapter BOG & Officers for the past year: 2021-2022

- | | |
|---|-----------------------------------|
| 1. John Wilden, President | 13. Jason Nelson, Golf |
| 2. Kevin Clannon, President Elect & Treasurer | 14. Harold Gallant, Refrigeration |
| 3. Ryan Gosson, Secretary | |
| 4. Kevin Leger, VP & RP Chair | |
| 5. Brandon Cosman, Electronic Communications | |
| 6. Sarah Milton, Newsletter | |
| 7. Mike Boudreau, CTTC | |
| 8. Kevin Bregel, MP Chair | |
| 9. Ted White, Student Activities | |
| 10. John Wilden, Historian | |
| 11. Rob Hoadley, GGAC | |
| 12. Dan Boudreau, BOG | |



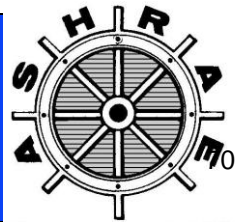
List of Chapter BOG & Officers for the upcoming year: 2022-2023

1. Kevin Clannon, President
2. Mike Boudreau, President Elect
3. Dan Boudreau, Treasurer
4. Jennifer Chapman, Secretary
5. John Willden, VP & RP Chair
6. Brandon Cosman, Electronic Communications & Newsletter
7. Roch Couturier, YEA Chair
8. Yves Savoie, CTTC
9. Matthew Peachman, MP Chair
10. Ted White, Student Activities
11. Ryan Gosson, Historian
12. Zach Thorne, GGAC
13. Ryan Butler, BOG
14. Jason Nelson, Golf
15. Chris Ashton, BOG
16. Kelsey Edgecomb, BOG
17. Kristine Girard, BOG
18. Ken Martin, Refrigeration Chair
19. Devin Harinarine, BOG



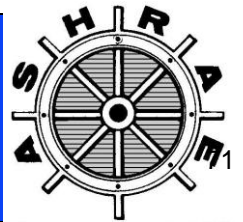
Other Technical or Special Events (beside normal chapter meetings)

- No special events held due to pandemic.



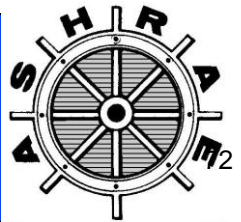
YEA/SA Activities

- **Glen Cowan Memorial Scholarship awarded to Isaac Clannon**
- **Holland College Scholarship awarded to Conor Dymment**
- **U de M Scholarship winner Kristine Girard (current BOG member)**
- **UNB Dwight Scott Memorial Scholarship Awarded to Benjamin T. Veysey**



Social Events

1. Golf Tournament Aug 11, 2022 -81 Golfers.
2. June Meeting In Person with hand off from the previous BOG to the new one.



Research Promotion/Fundraising

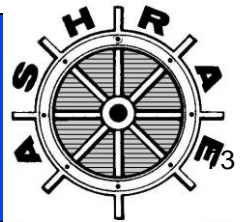
2021-2022 Chapter Goal \$10,000

2021-2022 Total Dollars Raised \$2442

Number of Chapter Dues Paying Members = 150
Dollars Raised

per Chapter Dues Paying Member = \$16.28

Number of Chapter Assigned Members = 148
by Society



Chapter Finances

Chapter Bank Balance = \$10,654 as of July 1/2022

Chapter Bank Balance = \$21,212 as of July 1/2021

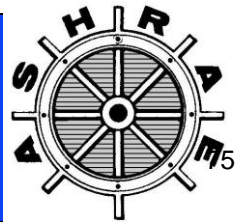
Date of Last Financial Audit = 2022/08/19

**NOTE: chapter financial audit is required to be completed each year
(see ASHRAE Manual of Chapter Operations - MCO)**



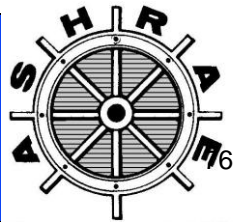
New things implemented during the PAST year:

1. Moved the monthly meetings to the noon hour in hopes to attract more participation from members. Thought was if the meeting was part of the “work day” maybe participation would increase.
2. Event Brite to register participants and pay in advance for events.



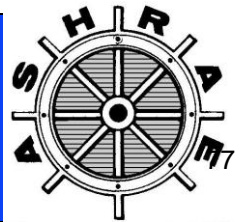
Challenges:

1. Lack of Volunteers committed to attending the monthly BOG meetings.
2. COVID-19 made it impossible for in person meetings and everyone was suffering from virtual meeting burnout.



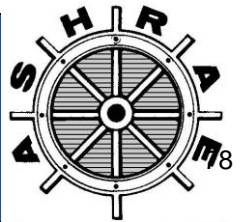
Things the Chapter is most proud of:

1. Pulling off a full lineup of technical programs virtually with a limited volunteer base.
2. Adding some new members to the BOG to rejuvenate the BOG and hopefully have some longer term succession planning.



What about next year 2022-2023?

1. Conducted a survey of the chapter members to get feed back on when they would like to see our meetings occur, location for our meetings etc. Had 8 responses out of 148 members. Consensus was to go back to pre pandemic times and dates.
2. 50th Anniversary of the Chapter in October being marked by an event in November. Society President Elect Ginger Scoggins is planning to attend.
3. We have what appears to be a good team in place to get us back on track.
4. Trying to organize a Chapter first meeting in PEI for May of 2023.



ASHRAE

Ville de Québec Chapter

Chapter# 013

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President : Maxime Boivin

Upcoming Year 2022-2023 Chapter President: Olivier Bernier, ing., MBA

List of Chapter BOG & Officers for the past year: 2021-2022

- | | |
|---|-------------------------------------|
| 1. President/ Delegate : Maxime Boivin | 13. Governor: Jean Bundock |
| 2. President elect / Alternate: Olivier Bernier | 14. Governor: Raynald Courtemanche |
| 3. Research promotion: Laurence Boulet | 15. Governor : Andr  a Daigle |
| 4. CTTC: Guy Breton | 16. Governor: Guy Perreault |
| 5. Membership: Jonathan Boudreault | 17. Governor: Yves Trudel |
| 6. Student activities : Fran  ois Guillemette | 18. Governor: Charles-Andr   Munger |
| 7. History :   tienne Lemay | 19. Refrigeration: David Gauvin |
| 8. Secretary : Solange Levesque | |
| 9. Treasurer: Yves Trudel | |
| 10. Newsletter : Guillaume Weiland | |
| 11. GGAC: Jean Bundock | |
| 12. YEA: Tomas Pich   | |

List of Chapter BOG & Officers for the upcoming year: 2022-2023

1. President/ Delegate : Olivier Bernier
2. President elect / Alternate: Guy Breton
3. Research promotion: Maxime Boivin
4. CTTC: François Guillemette
5. Membership: Jonathan Boudreault
6. Student activities : Guillaume Cormier
7. History : Tomas Piché
8. Secretary : Solange Levesque
9. Treasurer: Yves Trudel
10. Newsletter : Antoine Bérubé-Mercier
11. GGAC: Sylvain-Pierre Crête
12. YEA: Guillaume Wieland-Paquet
13. Governor: Jean Bundock
14. Governor: Raynald Courtemanche
15. Governor : Andrée Daigle
16. Governor: Guy Perreault
17. Governor: Yves Trudel
18. Governor: Charles-André Munger
19. Refrigeration: David Gauvin

Other Technical or Special Events (beside normal chapter meetings)

1. Great symposium, in person (170+ persons, chapter record)



YEA/SA Activities

1. University Laval SA presentation (Autumn 2021)
2. HVAC carrier opportunity SA presentation uLaval (Winter 2022)
3. HVAC carrier opportunity SA presentation CEGEP (Autumn 2021)
4. Yea leadership program, Lake Tahoe (late Spring 2022)
5. Lot of cancelled events ☹️

YEA/SA Activities



YEA/SA Activities



Social Events

1. Annual golf event (cancelled), will do one in September of this year
2. YEA curling event (cancelled)
3. YEA bowling event (cancelled)

Research Promotion/Fundraising

2021-2022 Chapter Goal **\$18 000**

2021-2022 Total Dollars Raised **\$19 483**

Number of Chapter Dues Paying Members = 163
Dollars Raised

per Chapter Dues Paying Member = \$119.53

Number of Chapter Assigned Members = \$110
by Society

Chapter Finances

Chapter Bank Balance = \$77 500 as of July 1/2022

Chapter Bank Balance = \$63 300 as of July 1/2021

Date of Last Financial Audit = 2021/09/02

**NOTE: chapter financial audit is required to be completed each year
(see ASHRAE Manual of Chapter Operations - MCO)**

New things implemented during the PAST year:

1. Goto Webinar
2. New features in Eventbrite
3. Joint YEA/SA activities
4. SA carrier oriented presentations

Challenges:

1. Getting members to addend in person meetings
2. Recruiting new directors
3. Hybrid meetings (attendance, sound quality)

Things the Chapter is most proud of:

1. Great attendance to chapter events
2. Research promotion goal exceeded
3. Excellent directors and governors for the year to come 😊

What about next year 2022-2023?

1. Get back on track with in person events
 1. 2022 Autumn golf sold out in two weeks !
 2. Restart doing YEA social events
2. Upgrade our TI
 1. New website
 2. New collaboration platform to share an archive documents
3. More communication with the Montreal Chapter
4. CRC 2023 ?

ASHRAE Chapitre de Montréal

Montreal Chapter
Chapitre # 014

Rapport d'activités *activity Report* 2021-2022

Année dernière – last Year 2021-2022 – Président du chapitre : Mathieu Rondeau ing.

Prochaine année - Upcoming Year 2022-2023 Président du Chapitre : Mathieu Rondeau ing.



REGION II - 2022 CRC
RAPPORT DU CHAPITRE DE MONTRÉAL
Montreal CHAPTER REPORT



Administrateurs 2021-2022

List of Chapter BOG & Officers for the past year: 2021-2022

- | | |
|--------------------------|---------------------------|
| 1. Audrey Dupuis | 10. Sami Maksoud |
| 2. Ronald Gagnon | 11. Caroline Paquet |
| 3. Catherine E. Gosselin | 12. Yves Paquette |
| 4. Stanislaw Kajl | 13. Carolane Rhéaume |
| 5. Francis Lacharité | 14. Daniel Robert |
| 6. Michel Landry | 15. Magdalena Stanescu |
| 7. Isabelle Lavoie | 16. Jean-Sébastien Trudel |
| 8. Nicolas Lemire | 17. Shawn Walton |
| 9. Geneviève Lussier | |

EXEC.

Mathieu Rondeau	Président	Mai Anh Dao	Vice-présidente
Sonia Pournazari	Présidente désignée + Congé de maternité	Bruno Lefebvre	Trésorier
		Ahmed Aboueich	Secrétaire



Administrateurs 2022-2023

List of Chapter BOG & Officers for the upcoming year: 2022-2023

- | | |
|--------------------------|---|
| 1. Audrey Dupuis | 11. Caroline Paquet |
| 2. Ronald Gagnon | 12. Yves Paquette |
| 3. Catherine E. Gosselin | 13. Daniel Robert |
| 4. Stanislaw Kajl | 14. Magdalena Stanescu |
| 5. Francis Lacharité | 15. Jean-Sébastien Trudel |
| 6. Michel Landry | 16. Enrico DiPietro |
| 7. Isabelle Lavoie | 17. Mariline Fréchette |
| 8. Nicolas Lemire | 18. Karina Bagryan |
| 9. Geneviève Lussier | Carolane Rhéaume |
| 10. Sami Maksoud | Shawn Walton --> to secretary |



EXEC.

Mathieu Rondeau	Président	Ahmed Aboueich	Trésorier
Mai Anh Dao	Présidente désignée		
Bruno Lefebvre	Vice-président	Shawn Walton	Secrétaire

Congratulations to Audrey and Sonia for their newborn!



Événements spéciaux et techniques


Other Technical or Special Events
(beside normal chapter meetings)

1. Sept 14th + June 7th – Golf tournament +cycling (fundraising/research)
2. Nov. 2nd - YEA Technical site visit
3. Nov. 11th - CONTECH (collaboration to an expo show)
4. Jan 18th – WIA Networking lunch (w. Group Simoneau's president)
5. Feb. 9th – Students Career fair
6. March 16th – WIA Networking lunch (w. BKind president)
7. March 30th - YEA Curling competition
8. May 19th – Networking lunch (w. G. Gauthier from Ecotech)
9. May 30th - Sustainable day (Séminaire Développement durable)
10. June 7th – Golf tournament +cycling (research fundraising)
11. June 16th – WIA Outside YOGA activity



Activités YEA/SA Activities

Thématique YEA/SA themed	Support
Nov. 2 nd - YEA Technical site visit	Special “sponsored” invitations to chapter conf.
Feb. 9 th – Students Career fair	Concordia U. Students as chapter conference speakers
March 30 th - YEA Curling	Congratulations to University’s technical site visit coordinated by the SA branch advisor!

Branches Étudiantes	Tough year to reach and team with students (students varied virtual and presential courses)	
Participation	Increased participation toward spring / end of year	
Relations	Need to strengthen relations with branches	



Événements Sociaux - Social Events

1. Two Golf tournament + cycling (fundraising for research)
 - Sept 14th and June 7th
2. Four WIA networking events
 - Jan 18th – WIA Networking lunch
(w. Group Simoneau's president)
 - March 16th – WIA Networking lunch
(w. BKind president)
 - May 19th – Networking lunch
(w. G. Gauthier from Ecotech)
 - June 16th – WIA Outside YOGA activity
3. Member's Christmas' diner party



Recherche

Research Promotion/Fundraising

2021-2022 Chapter Goal **\$XXXXXX**

2021-2022 Total Dollars Raised **\$XXXXXX**

Number of Chapter Dues Paying Members = 319

Dollars Raised

per Chapter Dues Paying Member = \$XXX

Number of Chapter Assigned Members = 534

by Society



Finances du chapitre

Chapter Bank Balance = \$212 975\$ as of July 1/2022

Chapter Bank Balance = \$146 235.07 as of July 1/2021

Date of Last Financial Audit = 2021/12/06

Upsides from good financial results are directed toward special projects for 2022-2023, mainly to rebuild membership and mitigate event's realisation risks in regards to difficult forecasting moving to post-covid period



Nouveautés

New things implemented during the PAST year:

1. Invitation of ASHRAE's President to a dinner conference
2. Sponsorship agreements (multi-events)
3. Two golf tournaments
(great fundraising for RP and operations, tough on members and volunteers)
4. Extra dinner conference to compensate members for virtual events (COVID)
5. Retirement of chapter's administrative assistant, Linda Lafond, after 24years of support



Will not return
Great for \$ and fundraising, tough on volunteers



Défis

Challenges

1. Operations

1. Transition of administration support > retirement of Linda Lafond, tough to recruit
2. Finance and Treasury (complexity with changes in activities/COVID)

2. Many events shuffling in 2021 due to COVID

1. Hybrid presentation (virtual+In-person)
2. Refrigeration partnership event with other association delayed
3. Speakers last minute cancellations and events' sprint April-May-June
4. ASHRAE President's conference last minute cancellation

3. Volunteering challenges

1. Engagement became challenging while virtual
2. Less volunteers availability (pregnancy, sickness/prolonged absence, members moving out of the city, etc.)
3. Virtual vs presential vs coordination
4. Hard to reach students / student branches also challenged

4. Regulations

1. Lobbying registration (province of Qc regulation), D&O insurance
2. French legislation



Bons coups

Things the Chapter is most proud of:

1. Delivering high quality program while COVID
2. Supporting all members (Students, WIA, YEA)
3. Exceeding fundraising and operational goals



Prochaine année 2022-2023

What about next year?

1. Review and streamline operations

- Administration (accounting, reception, etc.)
- Operations (platforms), website and edition, Number of events
- Team with other chapters for program/conf./events



2. Build back members' engagement in volunteering



3. Engagements/events with partnering corporations

1. CETAF : Refrigeration Forum (sept 27th)
2. CMMTQ : MCEE (April)



4. Pay close attention to the increased cost of conference (cost of dinner) with reduced attendance expected (many members in virtual/hybrid mode)



ASHRAE

Ottawa Valley Chapter

Chapter # 015

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President : Adrienne Mitani

Upcoming Year 2022-2023 Chapter President: Ryan Dickinson



Appendix - C05 - Ottawa Valley Chapter Report 2021-2022

REGION II - 2022 CRC

OTTAWA VALLEY CHAPTER REPORT



List of Chapter BOG & Officers for the past year: 2021-2022

1. Past President – Adam Moons
2. President – Adrienne Mitani
3. President Elect – Ryan Dickinson
4. Treasurer – Celine Baribeau
5. Secretary – Evans Mutua
6. Governor – Joe Della Valle
7. Governor – Mike Swayne
8. Governor – Trevor Thomson
9. Governor – Matt Moore
10. Governor – Jayson Bursill



List of Chapter BOG & Officers for the upcoming year: 2022-2023

1. Past President: Adrienne Mitani
2. President – Ryan Dickinson
3. President Elect – Celine Baribeau
4. Treasurer – Evans Mutua
5. Secretary – Jayson Bursill
6. Governor – Mike Swayne
7. Governor – Trevor Thomson
8. Governor – Matt Moore
9. Governor – Josh Bourbonniere



Other Technical or Special Events (beside normal chapter meetings)

1. Tech Sessions presented by Joel Primeau
2. October 8 – Stroke Play Golf Tournament
3. November 9 – YEA Event: Ottawa 67's vs Kingston Frontenacs
4. April 9 – Ottawa Regional Science Fair
5. April 21 – YEA Event: Tailgators Pool Hall
6. May 17 – Condair Factory Tour
7. June 21 – Best Ball Golf Tournament
8. June 23 – Women in Engineering Day (Joint PEO & ASHRAE Social)



YEA/SA Activities

1. YEA Events:

- Ottawa 67's vs Kingston Frontenacs
- Tailgators Pool Hall

2. Ottawa Regional Science Fair

3. Virtual classroom visits by Chair



Social Events

1. Stroke Play Golf Tournament
2. Best Ball Golf Tournament
3. Women in Engineering Day (Joint PEO & ASHRAE Social)



Research Promotion/Fundraising

2021-2022 Chapter Goal \$35,500

2021-2022 Total Dollars Raised \$37,488

Number of Chapter Dues Paying Members = 263

Dollars Raised

per Chapter Dues Paying Member = \$142.54

Number of Chapter Assigned Members = 438 by Society



Chapter Finances

Chapter Bank Balance = \$105,619.62 as of July 1/2022

Chapter Bank Balance = \$65,288.76 as of July 1/2021

Date of Last Financial Audit = 2020/12

(audit currently in progress for 2020-2021 and 2021-2022)

NOTE: chapter financial audit is required to be completed each year (see ASHRAE Manual of Chapter Operations - MCO)



New things implemented during the PAST year:

1. Hybrid Meetings (in-person and Zoom)
2. New accounting firm:
 - Review Engagement for 2020-2021 and 2021-2022
3. New bookkeeper:
 - Maintaining QuickBooks/Sage balance sheets
 - Working with accounting firm for annual reviews and quarterly HST submissions
4. Annual General Meeting in May:
 - Member vote for Executive and Board according to incorporation requirements
 - Sent Proxy Form to all Chapter Members
5. Land Acknowledgement during Chapter Meetings



Challenges:

1. Low member turn-out at in-person meetings at start of year, improved towards end of year:
 - September to March: 20-34 members
 - April: 48 members
 - May: 57 members
2. Low volunteer numbers:
 - Difficulty finding volunteers for Chair positions
 - Few committee members to support Chairs
3. Website updates



Things the Chapter is most proud of:

1. Exceeded RP goal
2. Return to in-person meetings and social events
 - 6 in-person/hybrid meetings
 - 2 virtual only meeting
 - 6 in-person events outside of regular meetings
3. Virtual Meeting with Mick Schwedler and Senior Policy Advisor for the Office of the Minister of Natural Resources
4. Retained a new bookkeeper and accounting firm



What about next year 2022-2023?

1. Celebrate Chapter's 70th Anniversary!
2. More social events are planned, including Curling Tournament and Bowling
3. Find more volunteers and provide more support to Committee Chairs
4. Update website and format to make it easier to use and maintain



ASHRAE Toronto Chapter Activity Report Year 2021-2022

2021-2022 Chapter President : Abhishek Khurana

2022-2023 Chapter President: Kurt Monteiro



Appendix - C06 - Toronto Chapter Report 2021-2022

REGION II - 2022 CRC

TORONTO CHAPTER REPORT



List of Chapter BOG & Officers for the past year: 2021-2022

- | | |
|--|----------------------------|
| 1. PRESIDENT – ABHISHEK KHURANA | 10. BOG – DRAGOS PARASCHIV |
| 2. PRESIDENT ELECT – KURT MONTEIRO | 11. BOG – CHRIS FUDGE |
| 3. VICE PRESIDENT – POSITION
ELIMINATED | 12. BOG – BADRI PATEL |
| 4. TREASURER – BEATRIZ SALAZAR | 13. BOG – MIKE GENIN |
| 5. SECRETARY – ALEKHYA
KAIANATHBHATTA | 14. BOG – PETER TURK |
| 6. PAST PRESIDENT – BRENDAN
MCDERMOTT | 15. BOG – KAJEN SINGHAM |
| 7. BOG - NISS FEINER | |
| 8. BOG – ANNE MARIE BUNGARD | |
| 9. BOG – DAVID SINCLAIR | |



Special Events

SUSTAINABILITY EVENT - TRASH DASH

Helped Clean Trash from Toronto Waterways



FALL HIKE



GOLF TOURNAMENTS (x 2)



HOLIDAY PARTY & SILENT AUCTION



ST PATRICKS DAY SOCIAL



BOAT CRUISE



100 YEAR ANNIVERSARY PARTY



ASHRAE ANNUAL CONFERENCE



COLLABORATIONS

- IBPSA International Building Performance Simulation Association
- SLC Sustainable Labs Canada
- HRAI Heating, Refrigeration and Air Conditioning Institute
- IWBI International Well Building Institute
- PEO Professional Engineers Ontario
- ALI ASHRAE Learning Institute
- CAGBC Canada Green Building Council
- Efficiency Canada
- City of Toronto



Research Promotion/Fundraising

Chapter Goal	\$44,000
Total Dollars Raised	\$45,996.52

Number of Chapter Dues Paying Members = 448
Dollars Raised
per Chapter Dues Paying Member = \$102.67

Number of Chapter Assigned Members = 1123
by Society



Chapter Finances

Chapter Bank Balance = \$51,393.64 as of July 1/2022

Chapter Bank Balance = \$43,529.73 as of July 1/2021

Chapter Bank Balance = \$34,677.01 as of July 1/2020

Date of Last Financial Audit = 2021/07/30

Audit completed by Doug Cochrane

New things implemented during the PAST year:

1. Podcasts with Members age 50+ to share their experience and journey with ASHRAE
2. 5 Year Strategic plan for the chapter
3. Implemented Basecamp and Slack
4. Coat of Arms
5. Land Acknowledgement
6. Sustainability Committee - Initiative with PARC Canada
7. Diversity Committee – Women's Day Event, Trivia – Indigenous Communities
8. Started a ~\$75K (CAD) student scholarship with ASHRAE Foundation



Challenges:

1. Could not do as many in-person dinner meetings because of COVID shutdowns. Towards the end of the year, we were able to do a few in-person dinner meetings
2. RP Chair went MIA. BoG members and Volunteers stepped up to take over RP.
3. SA Chair moved to Montreal 3 months into the year. BoG Members and Volunteers stepped up to take over SA



Things the Chapter is most proud of:

1. Team came together to plan the most amazing and successful events – the 100year anniversary party and the Annual conference
2. Scholarship Endowment
3. Meeting RP Goal
4. A lot of social events
5. Growing the Volunteers Team and building a strong foundation for 2022-23
6. A lot of collaborations with industry organizations
7. Website Redesign



What about next year 2022-2023

We are taking a break, too much happened last year!!!!

- CRC 2024 planning begins!
- Increase in person events.
- Top up contribution to Scholarship.
- Debut of Coat of Arms.



ASHRAE

Hamilton Chapter

Chapter #037

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President : Robyn Ellis
Upcoming Year 2022-2023 Chapter President: Mitchell Rohrer

List of Chapter BOG & Officers for the past year: 2021-2022



1. President: Robyn Ellis



2. President-Elect: Mitchell Rohrer



3. Treasurer: Aaron Besseling



4. Secretary: Stan Holko



CTTC: Aaron Besseling & Mitchell Rohrer



Membership Promotion (MP): Reaz Usmanali



Government Affairs Committee Chair: Mustafa Morsey



Research Promotion (RP) Iain Hill



Student Activities: Mark Long, John Molnar (K-12)



Young Leaders in ASHRAE (YEA): Marco Ciallella



History: David Rasmussen



Newsletter & Communication: Christopher Hofland



Webmaster: Jeremy Stockmans

List of Chapter BOG & Officers for the upcoming year: 2022-2023



1. President: **Mitchell Rohrer**



5. BOG (Past President): **Robyn Ellis**



2. President-Elect: **Aaron Besseling**



6. BOG (Past President): **Iain Hill**



3. Treasurer: **Reaz Usmanali**



4. Secretary: **Stan Holko**

Other Technical or Special Events (beside normal chapter meetings)

1. No technical or special events

YEA/SA Activities

Virtual Escape Room



Engineer-in-Residence Info Session



Presented by



Social Events

Annual Golf Tournament

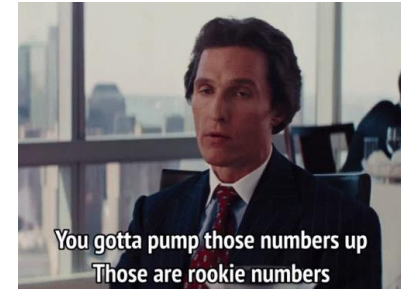
(pushed to Sept 2022 due to COVID restrictions, it will resume in month of June)



Research Promotion/Fundraising

2021-2022 Chapter Goal \$10,000

2021-2022 Total Dollars Raised \$1,668



Number of Chapter Dues Paying Members = 171

Dollars Raised per Chapter Dues Paying Member = \$9.75

Number of Chapter Assigned Members = 270

Chapter Finances

Chapter Bank Balance = \$ 56,429.69 as of July 1/2021

Chapter Bank Balance = \$ 70,479.31 as of July 1/2022

Date of Last Financial Audit = 2022/08/20

New things implemented during the PAST year:

1. Hybrid Format for Chapter Executive Team Meetings
2. Engineer-in-Residence Info Session



Challenges:

1. Feeling “Real” Connection with the Membership
2. Virtual Fatigue/Zoom Fatigue
3. Committees of One



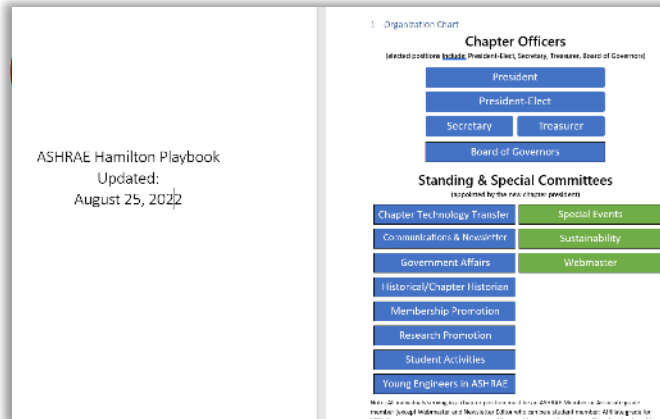
Things the Chapter is most proud of:

1. Long-Term Chapter Volunteers & Committee Chairs
2. Five (5) Virtual Distinguished Lecturers
3. Virtual Attendance Numbers at Meetings did not decrease
4. Increase in Membership
5. 30% Growth in LinkedIn Page Followers (310 → 400)
6. Society Level Award – Dan Mills Chapter Programs



What about next year 2022-2023?

1. In-Person Meetings!
2. Branding/Website Update in Alignment with ASHRAE Guidelines
3. Introduce Chapter "Playbook" as Reference for Operations
4. Host Meetings at Local Universities to Connect with Students and Young Engineers.
5. Utilize Microsoft 365 for Teamwork/Communication



**HEALTHCARE
INFECTIONS AND
HOSPITAL INDOOR
AIR QUALITY**

Presented by Distinguished
Lecturer:
Stephanie Taylor, M.D., M. ARCH

Organized by:
ASHRAE Hamilton Chapter

#buildingengineering&sciences
#hvachuiltenvironment
#myashrae
#ashraehamiltonchapter

Tentative Sponsors/CoSponsors/Partners

**Tuesday,
Sept 13TH
5:30 P.M.**

**McMaster
University**
1280 Main St W,
Hamilton ON

**University
Club**

Includes Dinner &
Networking with
Industry
Professionals

Earn 1 PDH
Register Now

ASHRAE

London Canada Chapter

Chapter# 116

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President: Kate Mayberry
Upcoming Year 2022-2023 Chapter President: Rajan Deenath

List of Chapter BOG & Officers for the past year: 2021-2022

1. Kate Mayberry, President
2. Rajan Deenath, President-Elect/Vice-President
3. Jeff Armstrong, Treasurer
4. Glenn Kernaghan, Secretary
5. Rajan Deenath, Research Promotion Chair
6. Aaron Hampel, Membership Promotion Chair
7. Glenn Kernaghan, Student Activities Co-Chair
8. Tarek Basmaji, Student Activities Co-Chair
9. Tom Pollard, Historian
10. Tom Deslippe, CTT Chair
11. Glenn Kernaghan, YEA Co-chair
12. Tom Pollard, Electronic Communications
13. Andrew Crowley, GA Chair
14. Chapter Refrigeration:
Andrew Crowley
Jeff Armstrong
Rajan Deenath
15. John Freeman, Special Events Committee
16. Jeff Armstrong, Newsletter Editor

List of Chapter BOG & Officers for the upcoming year: 2022-2023

1. Rajan Deenath, President
2. Jeff Armstrong, President-Elect/Vice-President
3. Glenn Kernaghan, Treasurer
4. Aaron Hampel, Secretary
5. Jeff Armstrong, Research Promotion Chair
6. Jim Legree, Membership Promotion Chair
7. Abdullah Jailawi, Student Activities Chair
8. Kate Mayberry, Historian
9. Tom Deslippe, CTT Chair
10. Tarek Basmaji, CTT Co-chair
11. Derek Jacobs, YEA Chair
12. Tom Pollard, Electronic Communications
13. Aaron Hampel, GA Chair
14. Tom Deslippe, GA Co-chair
15. Chapter Refrigeration:
Jeff Armstrong
Rajan Deenath
16. Jeff Armstrong, Special Events Committee
17. Jeff Armstrong, Newsletter Editor
18. Chapter Regional Conference Committee:
Tom Pollard
Ibrahim Semhat

Other Technical or Special Events (beside normal chapter meetings)

- Chapter hosted a golf tournament at FireRock Golf Club in September which was a great success. The first golf tournament since the beginning of Covid.

YEA/SA Activities

- Our SA co-chairs introduced ASHRAE to Western University HVACR students.
- Hosted a student and YEA panel, where we had industry experts discuss their jobs and the HVAC industry, with a Q and A session after. This was a success with approximately 20 people attending.
- Due to Covid, we had no additional in-person SA/YEA social gatherings.

Social Events

- Due to Covid, Chapter only had one in-person social, which was the Chapter Christmas social at The Rec Room. The only in-person event other than the golf tournament.
- Chapter hosted the golf tournament at FireRock Golf Club in September which was a great success. The first one since the beginning of Covid.
- YEA and Students Activities had a virtual industry panel event explained in previous slide.

Research Promotion/Fundraising

2021-2022 Chapter Goal \$12,500

2021-2022 Total Dollars Raised \$8,701

Number of Chapter Dues Paying Members = 97

Dollars Raised per Chapter Dues

Paying Member = \$89.70

Number of Chapter Assigned Members = 127

by Society

Chapter Finances

Chapter Bank Balance = \$18,084.62 as of July 1/2022

Chapter Bank Balance = \$16,276.49 as of July 1/2021

Date of Last Financial Audit = July 2018

***Financial audit currently in progress**

New things implemented during the PAST year:

1. No new items implemented. Virtual chapter meetings remained for the year.

Challenges:

1. RP donations were harder to obtain, requiring more effort than past years.
2. Maintaining interest of some members who were very active prior to Covid.
3. Maintaining attendance in monthly chapter meetings which were well attended prior to Covid.
4. Chapter chairs resigning from their positions during the year due to reasons external of ASHRAE.

Things the Chapter is most proud of:

1. Varied meeting topics that included a lot of Distinguished Lecturers and collaboration with neighboring chapter.
2. Adding/Engaging young membership to offset retiring individuals.
3. Teamwork of our BOG throughout the year. Finding new volunteers for chapter chair positions during the year.
4. The hard work of our golf tournament organizer and all the volunteers that helped make the golf tournament a success. Being able to react to all the changes brought on by Covid in the planning process.

What about next year 2022-2023?

1. Work is currently underway to resume in person Chapter meetings for the Fall.
2. Organize as many Distinguished Lecturers as possible for Chapter meetings.
3. Continue to host our Chapter golf tournament, which is the Chapter's biggest social event of the year.
4. Organize in-person SA and YEA events.

ASHRAE

Windsor Chapter

Chapter # 141

Activity Report

Year 2021-2022

Last Year 2021-2022 Chapter President : Amanda Forest
Upcoming Year 2022-2023 Chapter President: Amanda Forest

List of Chapter BOG & Officers for the past year: 2021-2022

1. Amanda Forest – President
2. Jamie Smith – President Elect
3. Eric Pelletier – Treasurer
4. AJ DeSantis – Secretary / Reception
5. Dave Dufour – Research Promotion Chair
6. Danny Castellan – CTTC Chair / BOG
7. Nathan Cook – CTTC Co-Chair
8. Paul Greff – GAC Chair / BOG / RP & MP Committee
9. Florin Corcoz – Membership Promotion Chair
10. Andy Hrutka – Historian
11. Jamie Smith – Student Activities
12. Amanda Forest / Jamie Smith – Newsletter Editor
13. Eric Pelletier – YEA Chair
14. David Ting – Student Branch Advisor
15. Jon Palmer – Refrigeration Chair
16. James Smith – BOG / MP & RP Committee
17. Steve Koutsonicolas – BOG / RP Committee

List of Chapter BOG & Officers for the upcoming year: 2022-2023

1. Amanda Forest – President
2. Jamie Smith – President Elect
3. Eric Pelletier – Treasurer
4. AJ DeSantis – Secretary / Reception
5. Dave Dufour – Research Promotion Chair
6. Danny Castellan – CTTC Chair / BOG
7. Paul Greff – GAC Chair / BOG / MP & RP Committee
8. Nathan Cook – Membership Promotion Chair / RP Committee
9. James Smith – Membership Promotion Co-Chair / BOG / RP Committee
10. Andy Hrutka – Historian
11. Jamie Smith – Student Activities
12. Amanda Forest / Jamie Smith – Newsletter Editor
13. Eric Pelletier – YEA Chair
14. David Ting – Student Branch Advisor
15. Jon Palmer – Refrigeration Chair
16. Steve Koutsonicolas – BOG / RP Committee

Other Technical or Special Events (beside normal chapter meetings)

1. No technical or special events were held, due to COVID

YEA/SA Activities

1. SA – Presentation to St. Clair College Students – May 2022
2. YEA Drink Socials – June 2022

Social Events

1. Golf Tournament / MP Day – September 2021
2. YEA Social Drinks – June 2022

Research Promotion/Fundraising

2021-2022 Chapter Goal **\$10,000**

2021-2022 Total Dollars Raised **\$10,815.16**

Number of Chapter Dues Paying Members = 45

Dollars Raised

per Chapter Dues Paying Member = \$240.34

Number of Chapter Assigned Members = 57

by Society

Chapter Finances

Chapter Bank Balance = \$29,709.46 as of July 1/2022

Chapter Bank Balance = \$27,681.50 as of July 1/2021

**Date of Last Financial Audit = 2022/03/31
(2021-2021 Year)**

2021-2022 To be Submitted for Audit

New things implemented during the PAST year:

1. No new things implemented – kept virtual meetings the same as last year.

Challenges:

1. Active Participation within our Chapter Operations
2. Active Participation with monthly meetings
3. Social / Technical Events during COVID
4. Updating Chapter Website

Things the Chapter is most proud of:

1. RP Goal Reached
2. Sent out a Monthly Newsletter
3. Last Chapter Board Meeting – In person
4. Joint Meetings with London Chapter
5. Golf Tournament

What about next year 2022-2023?

1. Golf Tournament – September 12, 2022
2. In-Person Meetings
3. Technical & Social Events – Tours will be planned*
4. Continue strong Chapter RP Campaign

APPENDIX – D

RVC REPORTS

Historical

Government Affairs (GA)

Membership Promotion (MP)

Chapter Technical Transfer (CTTC)

Research Promotion (RP)

Student Activities (SA)

Young Engineers In ASHRAE (YEA)

Communications Committee (CC)

ASHRAE Region 2

REGIONAL HISTORIAN

Tom Pollard



Activity Report Year 2021-2022

PAOE Summary for HISTORICAL

Chapter	PAOE 2019/20		PAOE 2020/21		PAOE 2021/22		
		change		change	change	ranking	
Toronto	1325	+775	875	-450	1330	+455	1 st
Montreal	950	+450	1325	+375	1075	-250	2 nd
Ottawa Valley	550	-350	900	+350	850	-50	3 rd
Quebec	775	+250	425	-350	400	-25	4 th
London (Canada)	500	+50	400	-100	400	0	5 th
Windsor	550	+125	350	-200	350	0	6 th
Halifax	525	+200	150	-375	300	+150	7 th
NB/PEI	350	+50	400	+50	200	-200	8 th
Hamilton	700	-300	400	-300	200	-200	8 th

Minimum = 100 PAR = 300

Chapter Visits and Highlights

2021/2022 Visits – none due to covid travel restrictions

Highlights

1. ASHRAE Toronto held Society meeting and also had a history night for their 100th anniversary
2. 8 of 9 Chapter Historian's returned for the 2021/2022 year from the previous year. (for 2022/2023 only have 4 out of 9 returning)

Chapter Special Recognition

1. Toronto Chapter – for their 100th anniversary
2. YouTube videos created with David Underwood and Doug Cochrane by Abhishek Khurana, ASHRAE Toronto

New items implemented during the year:

1. None

as covid limited meetings

and Chapter Historians continued on from the previous year

Things you are the most proud of:

1. Chapter Historian's continuing on
2. Continued with general emails for Chapter Historians very 2 months to reminded them about possible activities and record items to PAOE
3. Last year held History Workshop before the CRC as a GoTo Meeting and had 8 out of 9 in attendance.

What about next year 2022-2023?

1. Have **5 out of 9 NEW Chapter Historians** that will need help to learn what is required and PAOE items
2. Try to attend some chapter meetings over the upcoming year
3. Try to get better mid-year reports from Chapter Historians as well as end of year reports
4. Promote new PAOE item:

For identifying and documenting persons who fall under Diversity in ASHRAE of historical interest within the chapter's territory who have greatly influenced the HVAC&R industry.

ASHRAE Region II Government Affairs RVC : Michael Genin

RVC Activity Report Year 2021-2022



PAOE Summary for Government Affairs

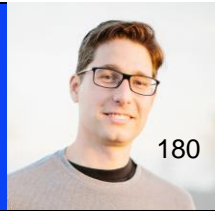
Chapter	PAOE 2019/2020	PAOE 2020/2021	PAOE 2021/2022
Quebec	700	700	1550
Montreal	900	1950	1150
Ottawa Valley	0	900	1100
Toronto	1350	1850	1490
Hamilton	1600	850	400
Halifax	950	350	750
London (Canada)	650	700	350
NB/PEI	500	350	0
Windsor	2200	1500	800

Minimum = 500 PAR = 650

Chapter Visits and Chapter Visit Highlights



1. Attended in-person events for **Toronto** and **Hamilton** Chapters.
2. Focus on smaller chapters this year.
3. *Dinner meetings hosted gov. officials from City of Toronto “Green Standard”*
4. Submitted candidate for GAC Award but was not successful.
5. New chapter chairs for London, Toronto, and Montreal.



Chapter Special Recognition

1. Efficiency Canada - Toronto Chapter member Badri Patel featured as “human of Energy Efficiency”
2. Toronto Chapter meeting with OMC + Corey Metzger, City of Toronto “green standard” at dinner meeting, 6x virtual outreach meetings with MPP’s joint HRAI
3. Hamilton Chapter meeting with MPP (provincial) regarding COVID 19
4. Quebec Chapter hosted ASHRAE booth at local Buildings trade show
5. Ottawa Chapter, meeting with MP (federal), meeting with Mick Schwedler and NRCan



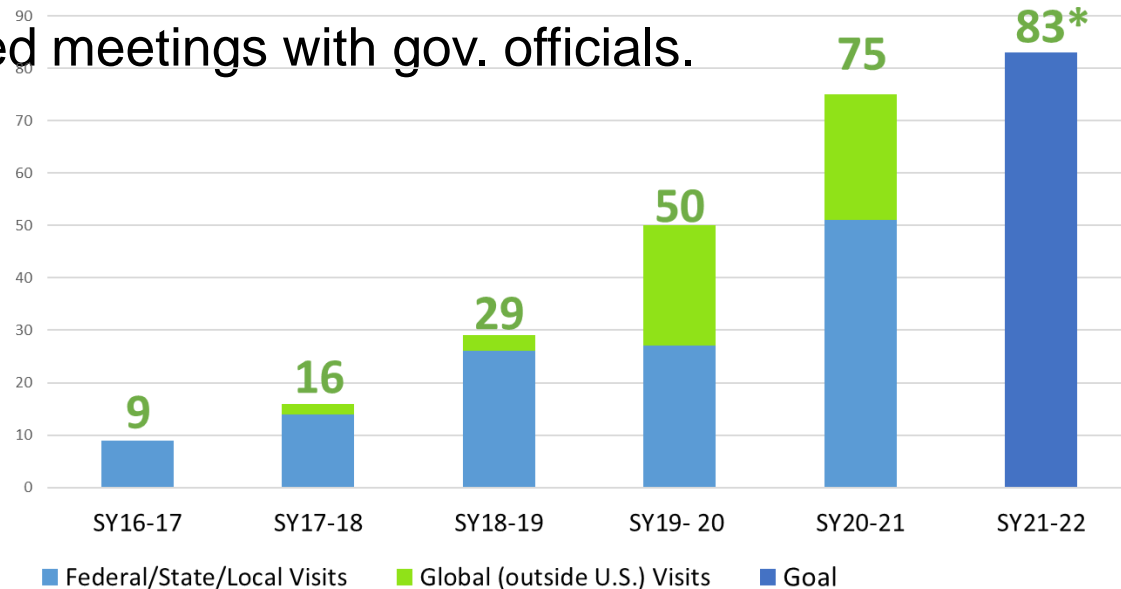
New items implemented during the year:

1. Provided email update almost every month to GA Chapter Chairs with key info and asks.
2. Encouraged chapter chairs to maintain plans / goals and keep them updated.
3. Gov. meetings continues to increase
4. Focusing on Epidemic Task force.



Things you are the most proud of:

- ✓ All Chapters have GA Chairs
- ✓ 5/9 GA Chairs are active, participated in training, submitted year plan.
- ✓ 3/9 GA Chairs followed up with year-end report.
- ✓ 4/9 GA Chairs conducted meetings with gov. officials.



What about next year 2022-2023?



1. Encourage chapters to hit their number of Meetings
2. Encourage chapter chairs to follow up with their local school boards and other local governments
3. Spring 2022 Day on the Hill event, postponed until Fall 2022
4. Hamilton Chapter working on draft letter to Ontario Gov regarding COVID 19
5. Compiling “Climate Goals” documentation on Provincial / Municipal goals in Society spreadsheet.
6. Ottawa Chapter working on draft letter, other chapters may use it to circulate to Federal MP’s, focused on decarbonization.
7. Focus switching to decarbonization.



ASHRAE Region 2

Membership Promotion

RVC (incoming) : Frank Mesicek
RVC (rolling off): John Molnar

Activity Report

Year 2021-2022

PAOE Summary for MP

<u>Chapter</u>	<u>PAOE 2019/20</u>	<u>PAOE 2020/2021</u>	<u>PAOE 2021/2022</u>
Quebec	850	950	1225
Montreal	1525	1350	2220
Ottawa Valley	715	1050	1915
Toronto	1405	1870	3360
Hamilton	1642	1295	1875
Halifax	1426	885	1375
London (Canada)	1088	925	900
NB/PEI	525	575	225
Windsor	1050	1070	1225
New Minimum = 1000	New PAR = 1600		

Chapter MP Engagement

Here are the chapters that attended CT for Region II. This was virtual in June 2021.

The chairs that attended are:

- Halifax
- London
- Windsor
- Toronto
- Ottawa
- Hamilton
- NB/PEI attended, but it was not the MP Chair nor Co-Chair.

Here are the attendees for CRC:

- Josh Bourbonniere, Ottawa Valley
- Francois Guillette, Montreal
- Florian Corcoz, Windsor
- Enrico Di Pietro, Montreal
- Chris Ruddick, Halifax
- Klodian Vocaj, Toronto Chair
- Azadeh Ghadimi, Toronto Co-Chair
- Cameron Bellamy, Toronto MP Retention
- Brendan McDermott, Toronto MP Comm.

Chapter Special Recognition

1. Windsor won the Boomerang Award.
2. Hamilton won the Limelight Award.
3. Toronto won the Blue Ribbon Award.
4. Montreal won the Red Ribbon Award.
5. Region II is just over 2900 Chapter paying Members!

What about next year 2022-2023?

Below is the **2022-2023** Start Total update for MP growth goals for the chapters in your Region. This data has been sent to each chapter's MP Chair and copied on this email are your DRC and RMCR.

Region Name	Chapter Name	First Name	MP Chair Email	Start Total	Goal	Net Growth Goal
REGION II	QUEBEC	Jonathan	jonathan.boudreau@snclavalin.com	155	3	158
REGION II	MONTREAL	Enrico	xenrico@hotmail.com	520	10	530
REGION II	OTTAWA VALLEY	Elizabeth	elizabethp@totalhvac.com	410	8	418
REGION II	TORONTO	Azadeh	azadeh57ghadimi@gmail.com	1050	21	1071
REGION II	HAMILTON	Reaz	reaz_us@yahoo.com	270	5	275
REGION II	HALIFAX	Ken	kmathekal@mreng.ca	179	4	183
REGION II	LONDON (CANADA)	Jim	james.legree@honeywell.com	126	3	129
REGION II	NB/PEI	Matthew	mpeachman@cbcl.ca	142	3	145
REGION II	WINDSOR			57	1	58

*Only one MP Chair per chapter is listed, even if that chapter has MP Co-Chairs.

**If no MP Chair is listed, then that Chapter does not have an MP Chair listed on their CIQ.

Start total: Total that each chapter started the year with. (Total includes paid and unpaid members and **does not include students**.)

Goal: Goal for number of new members, which is set at 2%.

Net growth goal: Total growth goal to reach by year's end (**does not include students**).

ASHRAE Region 2

CTTC Report

RVC: Dan Redmond

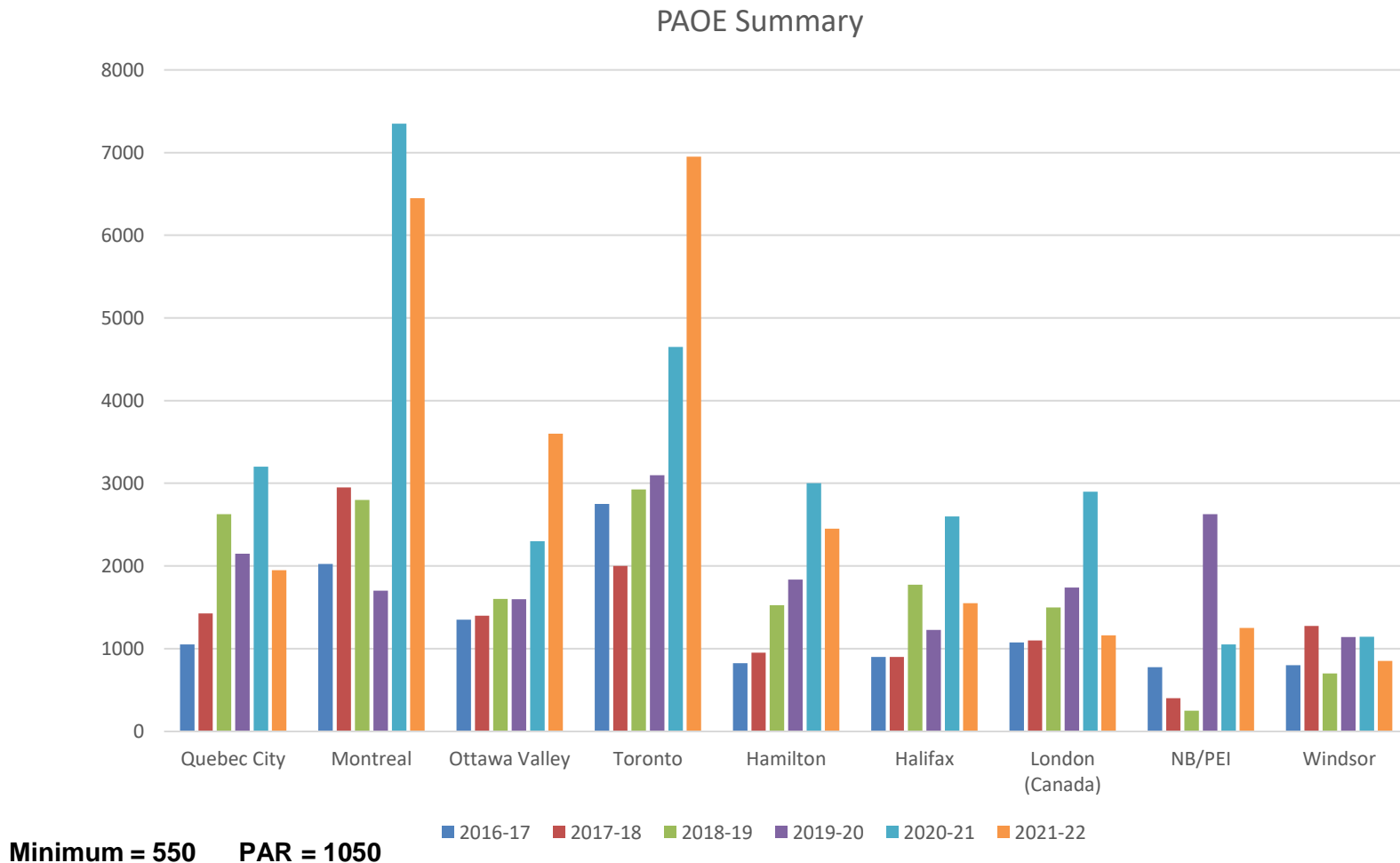
Activity Report

Year 2021-2022

PAOE Summary for CTTC

Chapter	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Quebec City	1050	1425	2625	2150	3200	1950
Montreal	2025	2950	2800	1702	7350	6450
Ottawa Valley	1350	1400	1600	1598	2300	3600
Toronto	2750	2000	2925	3098	4650	6950
Hamilton	825	950	1525	1834	3000	2450
Halifax	900	900	1775	1225	2600	1550
London (Canada)	1075	1100	1500	1740	2900	1160
NB/PEI	775	400	250	2628	1050	1250
Windsor	800	1275	700	1141	1145	850

PAOE Summary for CTTC



DL Program

- 2021-2022:
 - 9 allocated visits
 - Down from 10 in 19-20 and 20-21
 - Used 3 of 9 – FINALLY STARTED USING IN PERSON ALLOCATIONS!!
- 2022-2023
 - 9 allocated visits

Technology Awards 2021

- **2021 Society Competition:**
 - **Seven (7) of eight (8) Regional winners submitted to Society**
 - **Three winners**
 - **Second Place – MEC Vancouver Store (Roland Charneaux, Montreal)**
 - **Honourable Mention - Centre de services scolaire Marguerite-Bourgeoys (Antoine Courchesne-Tardif, Montreal)**
 - **Honourable Mention - Mitchell House Residence (Massinissa Ourtirane, Montreal)**

Technology Awards 2021

2021-22:

- 7 Technology Awards entered into Regional competition

#	Submission	Person	Chapter	Category	Ranking
1	Hood Packaging Corporation	Simon Kattoura, Stan Katz	Montreal	Industrial Facilities or Processes, Existing	First Place
2	Saint-Constant Aquatic Complex	Shawn Walton	Montreal	Commercial Buildings, New	First Place
3	Marianopolis College	Marc Laliberte	Montreal	Educational Facilities, Existing	First Place
4	Mary Pitt Centre - 100 Constellation Drive	Rob Rousseau	Ottawa	Commercial Buildings, Existing	First Place
5	Medical Campus of Outaouais	Georges Maamari	Ottawa	Health Care Facilities, New	First Place
6	Claridge Homes - 70 Gloucester	Adrianne Mitani	Ottawa	Residential	First Place
7	Installation of a VRF System in operating laboratory facility	Adam Kurz	Ottawa	Other Institutional, Existing	First Place

- Deadline for submitting documents to RVC for Society competition is **AUGUST 28TH 9AM**

Chapter Visits and Chapter Visit Highlights

- RVC visited 1 of 9 chapters in 2021-22

CTTC Highlights of 2020-2021

- Most chapters met par for PAOE
- Outstanding use of the Virtual DL Program + 3 In person DL Visits!
- Solid Technology Awards Program – Everyone won first place

Looking Ahead for 2022-2023

- Fall programs are expecting to return in-person for all chapters
- More Allocated and Non-Allocated DL visits in 22-23 year
- Continue Technology Award success
- Planning for additional Region II CTTC meetings
 - Increase meeting frequency to ensure chairs are delivering a great program
 - Collaborate and share success stories
 - Encourage chapters to host more joint events (Windsor – London, Halifax – NB/PEI)
 - Multi-Chapter DL visits
 - ALI Courses – Make \$ and re-invest in volunteer retention and Training
 - Working with Chairs, Alternates and Delegates on CTTC Succession Plan

CTTC Workshop

- Workshop is held on August 27th
- Goal-setting sessions to be held during the workshop

Without effective CTTC Chairs, **the Society fails.**

If we can't get people to a meeting in a well lit, comfortable location; with an engaging, easily understandable speaker; to hear a timely topic of broad interest; with a quality meal; and in a convenient location....they won't stay in ASHRAE nor encourage their colleagues to (MP fails); they won't donate to research (RP fails); they won't encourage students or young engineers to participate (oops there go Student Activities and YEA).

You get the point?

We, in the CTTC business, are Society's contacts to the membership. ***WE make the first impression.***

ASHRAE Region 2 Research Promotion

RVC: Ibrahim Semhat

**Activity Report
Year 2021-2022**



PAOE Summary (MIN 800 / PAR 1050)

<u>Chapter</u>	<u>PAOE 2019/20</u>	<u>PAOE 2020/21</u>	<u>PAOE 2021/22</u>
Quebec	1298	1455	3859
Montreal	1110	2535	2574
Ottawa Valley	1140	945	2616
Toronto	2840	1115	1700
Hamilton	1015	745	475
Halifax	1405	2861	2570
London (Canada)	1073	1055	1100
NB/PEI	810	267	440
Windsor	4920	6127	7555



Chapter Visits and Chapter Visit Highlights

Physical Visits:

1. None. ☹️

Virtual Visits:

1. London Chapter RP Night.
2. Windsor Chapter RP Night.



Chapter Special Recognition

1. Quebec, Montreal, Ottawa, Toronto, Halifax & Windsor chapters exceeded their RP goal.
2. RP Chairs with improved communication with Society Staff and RVC: Quebec, Montreal, Ottawa, Toronto, Halifax & Windsor
3. Windsor Chapter scored **7555** RP PAOE points, with best in class \$/AAM in the regions.



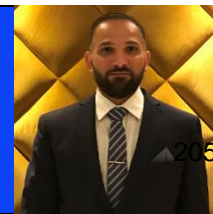
New items implemented during the year:

1. Vast Efforts motivating chapters to not "give in" to Covid downturn.
2. Direct calls into RP Chairs to check on their status and offer support where needed.
3. Utilizing Basecamp for RP Committee planning & communication.



Things you are the most proud of:

1. Even with COVID-19 restrictions still in place, our region achieved ~ **95%** of our RP Goal...Thank you!
2. Chapters that were able to keep up good spirits during the Covid downturn, I specifically noticed: Quebec, Montreal, Ottawa, Toronto, Halifax and Windsor.
3. Full Circle, Full Circle +: 8 of 9 chapter achieved either full circle or full circle + **(88.9%)**.
4. Centralized Training: 6 of 9 chapter attending CT or taking the quiz and passed **(66.7%)**.
5. CRC Attendance: Good CRC Attendance by RP Chairs, 7 out of 9 Chapters were represented **(77.78%)**.
6. PAOE: 7 out of 9 Chapters exceeded PAR (Halifax, Quebec, Montreal, Ottawa, Toronto, London, Windsor), 2 out of 9 Chapters did not meet MIN (Hamilton, NB-PEI). Windsor exceeded PAR by **7555 points**.



What about next year 2021-2022?

1. Continue to motivate RP Chairs & Chapters to meet and/or exceed RP goals.
2. Focus on chapter RP committee formation & CT Attendance.
3. Collaborate with Society & Chapters to enhance the RP donations in Canadian funds to be recognized.
4. Work on improving communication with RP Chairs & Chapters.
5. Continue to utilize Basecamp to drive Region II RP campaign and schedule.



ASHRAE Region 2

Student Activities

RVC : Elizabeth Primeau

RVC Activity Report

Year 2021-2022



PAOE Summary for Student Activities

<u>Chapter</u>	<u>PAOE 2019/2020</u>	<u>PAOE 2020/2021</u>	<u>PAOE 2021/2022</u>
Quebec	3625	1147	1275
Montreal	3901	3440	3515
Ottawa Valley	1540	1250	1280
Toronto	4084	2950	2445
Hamilton	2053	960	1095
Halifax	1425	340	800
London (Canada)	1000	1150	565
NB/PEI	250	200	370
Windsor	1155	820	525

Minimum = 500 PAR = 800



Chapter Visits and Chapter Visit Highlights

Visits and highlights

1. No RVC visits were done in 2021-22 due to travel issues with COVID-19



Chapter Special Recognition

1. Hamilton SA Committee had a great initiative with Engineers of Tomorrow
2. Montreal SA Committee had good participation in the Virtual Student Career Fair in February



New items implemented during the year:

1. Tried to do MBOs based on PAOE with limited success; will try again with extra training for Chairs
2. Children's book is available at the ASHRAE Bookstore; Region II Chairs will be encouraged to purchase these for their Chapter activities



Things you are the most proud of:

1. Region II had some student participation at the ASHRAE Annual Conference in Las Vegas. The students from our region were active participants in the activities
2. Received 7 of 9 MBOs at the end of the year and chairs had completed many of their goals during this difficult year
3. Working with Hamilton to start relationship with Engineers of Tomorrow



What about next year 2022-2023?

1. All chapters to meet PAOE minimum
2. Student membership increase over 2021-22
3. At least one design competition submission from our Region
4. K-12 STEM Leadership Award for at least one Chapter; need Chapter executive's participation
5. RVC visits to Ontario Chapters (Ottawa, Toronto, Hamilton, London, and Windsor)
6. RVC and Chair virtual meetings throughout the year; October, January and April



ASHRAE Region 2 YEA RVC: Alekhya Kaianathbhatta

RVC Activity Report Year 2021-2022



Membership Summary for 2021-2022

Chapter	Start	End of Q1	End of Q2	End of Q3	End of Year/Start of 2022/2023
Quebec	38	37	38	37	36
Montreal	92	93	95	92	81
Ottawa	96	97	101	103	93
Toronto	201	199	198	205	199
Hamilton	51	47	48	49	47
Halifax	51	49	48	49	45
London	33	35	34	34	30
NB/PEI	38	39	40	38	33
Windsor	12	13	13	13	11



PAOE Summary

Chapter	PAOE 2019/2020	PAOE 2020/2021	PAOE 2021/2022
Quebec	xxxx	875	800
Montreal	xxxx	1375	1700
Ottawa Valley	xxxx	975	2350
Toronto	xxxx	3275	3800
Hamilton	xxxx	1250	1050
Halifax	xxxx	1075	1075
London (Canada)	xxxx	1050	875
NB/PEI	xxxx	825	600
Windsor	xxxx	975	1050

Minimum = 300 PAR = 800



Chapter Highlights

3 attendees at society ASHRAE Leadership 2.0

- Olivier B – (Quebec City) – Region II sponsorship
- Abhishek K (Toronto) – Region II and Chapter Sponsorship
- Badri P (Toronto) – Chapter Sponsorship

Winter 2021 conference: 2 recipients of YEA Developing leader award:

- Kajen E– Toronto
- Niss F – Toronto

Badri P (Toronto) received the YEA Inspirational Leader award at society winter conference in Vegas



Things you are the most proud of:

1. Everyone met minimum POAE – 300 points & all but 1 chapter hit part – 800 points
2. All chapters continued to maintain YEA members even during covid. YCC's got creative with events while still hosting virtual events they held some in person events
 1. Toronto
 1. Hiking
 2. Toronto's St Patrick's day pub night
 2. Montreal
 1. Technical Site visit
 2. Curling competition
 3. Ottawa:
 1. Tailgators Pool Hall
 4. Hamilton
 1. Virtual Escape room
 5. London
 1. Joint panel with SA
 6. Halifax
 1. Curling Bonspiel
 2. Brewery Tour



What about next year 2022-2023?

1. Visit at least 3 chapter dinner meetings this year.
2. Nominate 1 person for each ASHRAE YEA Award
3. Focus more on getting YEA members into TCs
4. Work with YCC's to develop and grow Region II YEA participation at society



ASHRAE Region 2 Communication Committee (CC)

RVC: Tom Pollard



RVC Activity Report Year 2021-2022

PAOE Summary for COMMUNICATIONS

Chapter	PAOE 2019/20			PAOE 2020/21			PAOE 2021/22		
		change			change			change	rank
Montreal	850	+360		1055	+205	5/9	2125	+1070	1 st
Toronto	665	-509		1765	+1100	1/9	1815	+50	2 nd
Hamilton	1155	+845		1360	+205	3/9	1170	-190	3 rd
London (Canada)	975	+180		995	+20	6/9	1165	+170	4 th
Halifax	881	+557		1550	+669	2/9	1055	-495	5 th
Quebec	674	+63		830	+156	8/9	1035	+205	6 th
Ottawa Valley	1001	+276		1100	+99	4/9	900	-200	7 th
NB/PEI	500	+170		830	+330	9/9	795	-35	8 th
Windsor	745	+171		850	+105	7/9	790	-60	9 th

Minimum = 300 PAR = 700

Chapter Visits and Chapter Visit Highlights

2021/2022 Visits – none due to covid travel restrictions

Highlights

All Chapter above Par

Chapters continue to use social media for events

Forwarded items for Chapter to use on web sites and newsletters

from Society Marketing and Communication Committee

Note: Communication Committee has guidance documents and webcasts on topics on Society web site.

Chapter Special Recognition

ASHRAE Toronto Chapter

Very good updates

to website, newsletter and meeting notices

And also about Society meeting and 100th anniversary event

ASHRAE Montreal Chapter

Increase PAOE by +1070 due to using social media and having additional events

New items implemented during the year:

1. Emails sent to Communication contacts by email every 2 months (webmasters, newsletter editors, chapter presidents) but mid-year reports and end of year reports lacking from Chapter Communication Chairs.
2. Forward items from Society and Communication Committee that can be used (more items on Society web site)
3. Promoted use of Society for arranging access to GoToMeeting (and Chapters can use guideline by Communication Committee on how to run the meeting)
4. End of year reports – asked for reports **but did not receive**.

Things you are the most proud of:

1. Separate Communication Workshop before last year's virtual CRC
2021 workshop: 8/9 chapters, 13 attendees + RVC
5 Comm Chairs, 4 News Editors, 6 Webmasters
(with some holding more than 1 chair position)

What about next year 2022-2023?

1. Have chapters promote Presidential Theme: “**Securing Our Future**” by Farooq Mehboob, 2022-23 ASHRAE President
2. Continue to send out email reminders and ideas with items to Communication Contacts and to ensure PAOE are updated mid-year (Oct, Jan, Mar, June)
3. Follow-up with Chapter Communication Chairs for reports

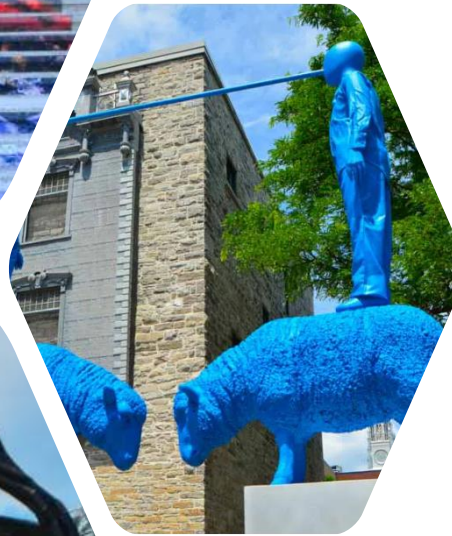


CRC 2022

Distinguished Guests



- Ginger Scoggins, Society President Elect
- Darryl Boyce, Presidential Member and Francis Boyce
- Alice Yates, Staff Director of Governmental Affairs
- Ronald Gagnon, Region II DRC and Chantal Plasse



Awards Presentation Part 1

SA
CTTC
MP
YEA
Certificates of
Appreciation



Student Activities

Student Branch of the Year



Université Laval

La Ville de Québec Chapter

Guillaume Cormier, 2021-2022 SA Chapter Chair

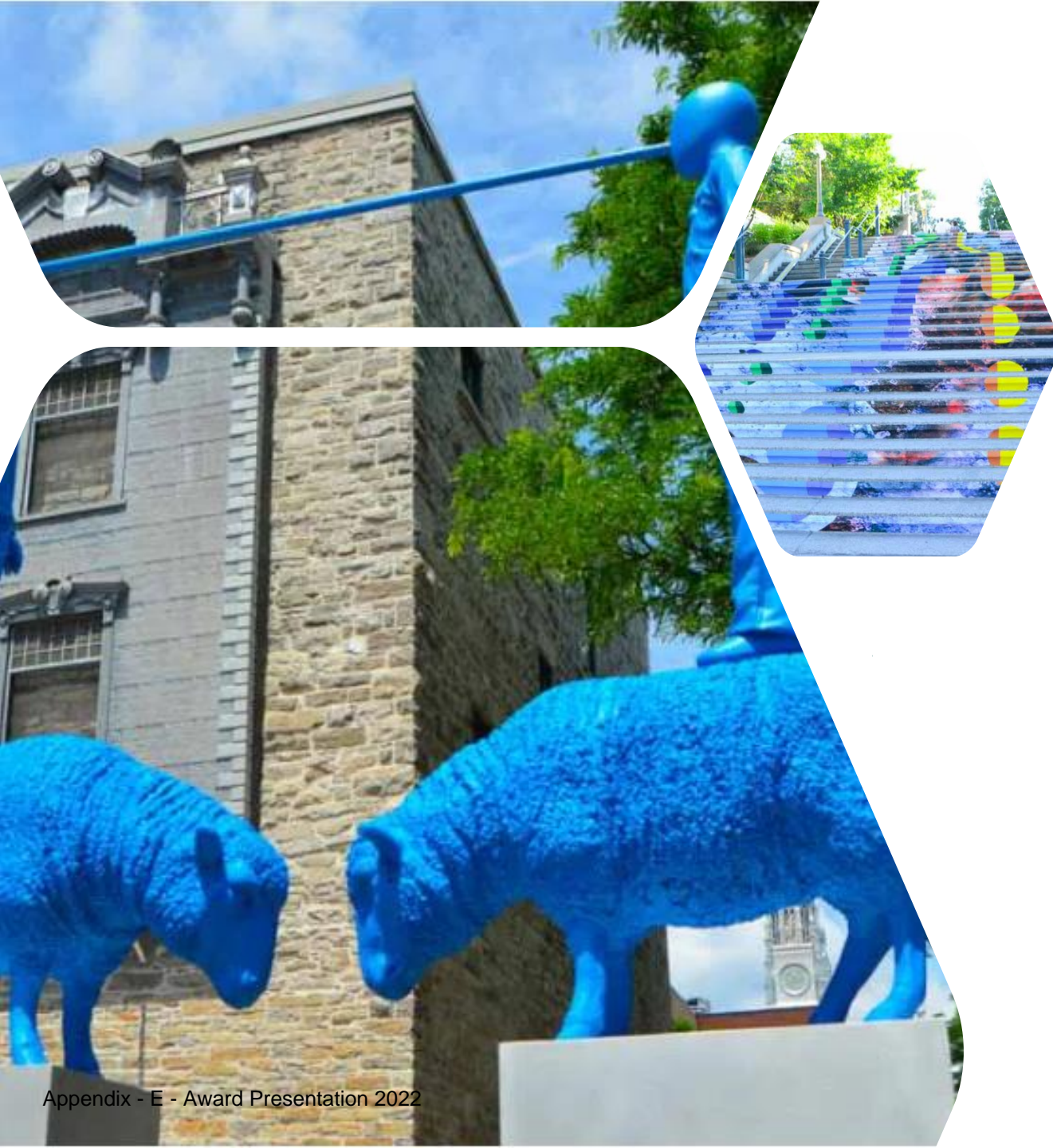
Best Student Activities Chapter Award



Hamilton

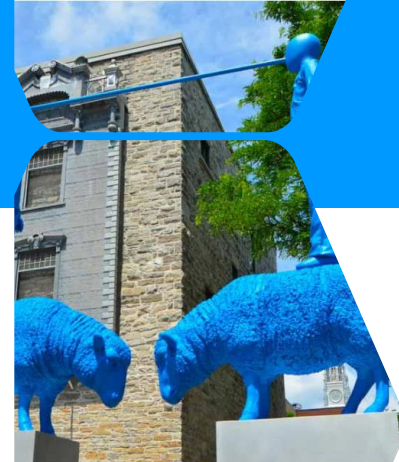
2021-2022 SA Chapter Chair

Mark Long



CTTC

CTTC Regional Technology Awards



#	Submission	Person	Chapter	Category	Ranking
1	Hood Packaging Corporation	Simon Kattoura, Stan Katz	Montreal	Industrial Facilities or Processes, Existing	First Place
2	Saint-Constant Aquatic Complex	Shawn Walton	Montreal	Commercial Buildings, New	First Place
3	Marianopolis College	Marc Laliberte	Montreal	Educational Facilities, Existing	First Place
4	Mary Pitt Centre - 100 Constellation Drive	Rob Rousseau	Ottawa	Commercial Buildings, Existing	First Place
5	Medical Campus of Outaouais	Georges Maamari	Ottawa	Health Care Facilities, New	First Place
6	Claridge Homes - 70 Gloucester	Adrianne Mitani	Ottawa	Residential	First Place
7	Installation of a VRF System in operating laboratory facility	Adam Kurz	Ottawa	Other Institutional, Existing	First Place

Allen Hanley Award



For best CTTC chapter chair

Toronto

2021-2022 CTTC Chapter Chair

Badri Patel



Membership Promotion

Blue Ribbon Award

**Chapter with Highest
MP PAOE points in Region II**

Toronto

2021-2022 MP Chapter Chair
Klodian Vocaj



Red Ribbon Award



**Chaper with Second Highest
MP PAOE points in Region II**

Montréal

**2021-2022 MP Chapter Chair
Enrico Di Pietro**

Boomerang Award



**Chapter with the highest
non-Student members on a % Basis**

Windsor

2021-2022 MP Chapter Chair

Florin Corcoz

Limelight Award



**Chapter with the highest net
Positive Growth on a % Basis**

Hamilton

**2021-2022 MP Chapter Chair
Reaz Usmanali**

Excellence Award for MP Activities



Toronto

2021-2022 MP Chapter Chair

Klodian Vocaj



Young Engineers in ASHRAE

Outstanding Participation in YEA Activities Award



Toronto

2021-2022 YEA Chapter Chair
Kajen Singham



Appreciation for Service to Region II

Certification of Appreciation for Outgoing Regional Officers



Daniel Redmond- CTTC RVC - 2019-2022

John Molnar- MP RVC - 2020-2022



CRC 2022



Presidential Address



Awards Part 2

RP





Research Promotion

Halifax



Marc Rossignol

2021-2022 Chapter RP Chair

- Full Circle Chevron
- Apex Chevron
- Certificate for achieving Goal, High Five and Challenge Goal

Research Promotion

NB-PEI Chapter

Kevin Leger

2021-2022 Chapter RP Chair

- Full Circle Chevron



La Ville de Québec

Laurent Boulet

2021-2022 Chapter RP Chair

- Top Five Runner Up for Dollars per member
- Bronze Treasury Ribbon
- Full Circle Chevron
- Certificate for achieving Goal





Montréal Chapter

Audrey Dupuis

2021-2022 Chapter RP Chair

- Top Five Runner Up for Dollars per member
- Gold Treasury Ribbon
- Full Circle Chevron
- Apex Chevron
- Certificate for achieving Goal and High Five

Research Promotion

Ottawa Valley

Joel Primeau

2021-2022 Chapter RP Chair

- Top Five Runner Up for Total Dollars Raised
- Gold Treasury Ribbon
- Endowment Chevron
- Certificate for achieving Goal



Research Promotion

Toronto Chapter



Peter Turk

2021-2022 Chapter RP Chair

- Top Five Runner Up for Total Dollars Raised
- Gold Treasury Ribbon
- Certificate for achieving Goal

Research Promotion

Hamilton

Iain Hill

2021-2022 Chapter RP Chair

- Full Circle Chevron



Research Promotion

London



Rajarajan Deenadayalan 2021-2022 Chapter RP Chair

- Bronze Treasury Ribbon
- Full Circle Chevron

Windsor

David Dufour

2021-2022 Chapter RP Chair

- Top Five Runner Up for Total Dollars Raised, PAOE Points and Dollars per Member
- Full Circle Chevron
- Apex Chevron
- Certificate for achieving Goal, High Five and Challenge Goal





Hayward Murray Award for Outstanding Achievement in Research Promotion

Windsor Chapter

**2021-2022 RP Chapter Chair
Paul Greff**



Awards Part 3

PAOE Chapter Ops CRC 2023





PAOE

Halifax

Daniel Bourque

2021-2022 Chapter President



Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

La Ville de Québec

Maxime Boivin

2021-2022 Chapter President

Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

Honor Roll

Achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years



Montréal

Mathieu Rondeau

2021-2022 Chapter President



Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

Honor Roll

Achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years

STAR Award Gold Pin

PAR achieved in all categories



Ottawa Valley

Adrianne Mittani

2021-2022 Chapter President

Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

Honor Roll

Achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years

STAR Award Gold Pin

PAR achieved in all categories



Toronto

Abhishek Khurana

2021-2022 Chapter President

Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

STAR Award Gold Pin

PAR achieved in all categories

High Honor Roll

Achieved STAR award level with PAR points **in five** categories **for more than 4 consecutive years.**

Hamilton

Robin Elis- 2021-2022 Chapter President



Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

Honor Roll

Achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years



Windsor

Amanda Forest

2021-2022 Chapter President

Special Citation Ribbon

Achieved minimum in four of five categories, with a minimum of 5,500 points in total for all categories

Honor Roll

Achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years



Chapter Operations

Regional Communications Award



Chapter who has done an outstanding job at communication with the Regional Team during the year

Halifax

2021-2022 Chapter President

Daniel Bourque

Golden Gavell Award

For outstanding Overall Chapter Performances during the year



Toronto

2021-2022 Chapter President

Abhishek Khurana



Regional Meat Ball Traveling Award



Meat Ball Award



Best Ratio Distance
and volunteers present at CRC

XXXX Chapter

And now...
a sneak peak
into CRC 2023
in London





CRC 2022



ASHRAE REGION 2 CRC

London, Ontario

AUG 25-27, 2023



CRC Chairs

❑ Ibrahim Semhat – CRC Chair

❑ Email: ibrahim.semhat@jci.com

❑ Mobile: 519-852-1470

❑ Tom Pollard – CRC Co-Chair

❑ Email: tpollard@execulink.com

❑ Mobile: 519-878-4473

ASHRAE REGION 2 CRC 2023 - LONDON

- Date: **August 25 – 27, 2023 (Friday to Sunday)**
- Location: **Oakwood Resort, Grand Bend ON**



on Lake Huron
from London Airport is approx. 1 hour drive north-west

Location...Grand Bend

<https://www.youtube.com/watch?v=Pma1m4CgxiE>



CRC IN GRAND BEND

We are back at Oakwood Resort.
This is a bit different establishment
than your typical Hotel style
conference.



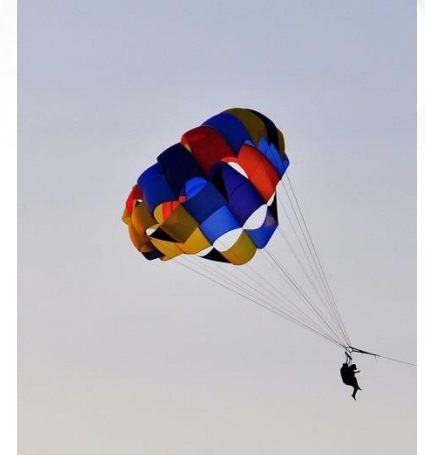
We decided to hold our 2023 CRC at a beach front resort, which will allow for a more relaxed atmosphere and also open up the opportunity for attendees to take a few extra days if they wish and enjoy the wonderful area with multiple different activities available and still allow us to conduct the business required for the CRC.

GRAND BEND ACTIVITIES

There are several summer activities that can be found in Grand Bend and area for those with some free time.

- ☐ Beaches, Swimming
- ☐ Golf
- ☐ Site Seeing, Shopping
- ☐ Hiking, Biking, Boating, Fishing
- ☐ Parasailing, Xtreme Water Sports
- ☐ Wine Tour and other food and drinks
- ☐ Concerts, Shows, Motorsports

Summer Activities



Registration Package

- ❑ The hotel will handle the room bookings and we will have a separate web page for the CRC registration.
- ❑ The rooms for the resort must be booked by

June 23, 2023

This is a must as resort does sell out and once sold out, we will not be able to add rooms.

- ❑ The package will include the Friday Presidential Banquet and Saturday Awards Dinner, plus Saturday Night team building event, a technical tour (if time permits), and obviously must have time for the Beach!

Companion Package

- ❑ This is still being worked on. Most items are not set yet as the area venues begins the summer planning events in early May, so we need to see what will be available.

- ❑ Some Possible Activities for the Companion Program:
 - ❑ Shopping in Bayfield
 - ❑ Museum Tours
 - ❑ Heritage Tours
 - ❑ Spa
 - ❑ Wine Tour

CRC REGION II – 2023 SCHEDULE

DAY 0	Thu Aug 24/2023
	Attendees and Companions arrive and checkin
DAY 1	Friday August 25/2023
06:30-08:15	Breakfast and Registration
08:30-09:30	Orientation Session
09:45-11:45	Technical Tour (for others not in meeting - Ice Cultures?)
09:30-11:45	Caucus Session (with mid morning snack break)
09:30-11:45	Regional Meeting for DRC/ARC/RMCR/RVCs
12:00-13:00	LUNCH
13:00-17:00	BUSINESS MEETING #1 (with mid afternoon snack break)
19:00-21:00	PRESIDENTIAL DINNER
	(must advertise properly so everyone arrives for Friday evening dinner)
22:00-??	HOSPITALITY SUITE
22:00-??	BON FIRE
DAY 2	Saturday August 26/2023
06:30-08:15	Breakfast and Registration
08:30-09:45	BUSINESS MEETING #2 (with mid morning snack break)
10:00-11:45	COMMITTEE WORKSHOPS - CTTC/YEA/SA/MP
10:00-11:45	EXECUTIVE SESSION #1
12:00-13:00	LUNCH
13:15-17:00	Chapter Operations - Delegates & Alternates
13:15-17:00	COMMITTEE WORKSHOPS - CTTC/YEA/SA/MP/GAC/History/Comm
15:15-15:30	mid afternoon snack break
17:30-19:00	AWARDS DINNER
19:00-22:00	Team Building Event or Spare Time
22:00-??	HOSPITALITY SUITE
22:00-??	BON FIRE
DAY 3	Sunday August 27/2023
06:30-09:00	BREAKFAST
07:30-08:30	EXECUTIVE SESSION #2 (if required)
08:30-12:00	BUSINESS MEETING #3 (with mid morning snack break)
12:00-13:00	CRC End
12:00-13:00	CRC DEBRIEFING

CRC REGION II 2023 Budget

Hotel - Oakwood Resort, Grand Bend									
\$179.00 per Night (+ fees and taxes = +/- \$240.00/Night)				paid direct by each attendee					
regular 2022 rate is \$229/night + fees and taxes = \$277/night (expected to be higher in 2023)									

CRC REGION II 2023 Budget

				BUDGET			
EXPENSES	Quantity	Rate		Total			
Meeting Rooms - main & workshops (Oakwood)	1	\$3,500.00	\$3,500.00		(\$2,400 + fees + HST)		
and Meals includes deposit (Oakwood)	1	\$30,000.00	\$30,000.00		(+/- \$22,000 + fees + HST)		
Screens & Projectors (rental fees)	1	\$3,500.00	\$3,500.00				
Thur VIP Dinner	10	\$75.00	\$750.00				
Friday dinner out (or at Oakwood)	100	\$75.00	\$7,500.00				
additional Corporate Sponsor meals	10	\$75.00	\$750.00				
Welcome Party Wine (to CRC 2022 Ottawa)	1	\$1,500.00	\$1,500.00				
				\$47,500.00			
Guest Room Upgrades (DRC+3 Society VIPs @ 3 nights)	0	\$80.00	\$0.00		Included in group package		
Hospitality Suites (need 2 rooms for 3 nights=Thu,Fri,Sat)	6	\$280.00	\$1,680.00				
Hospitality - food and drinks (2 nights Fri,Sat)	2	\$1,500.00	\$3,000.00				
Dignitary and Regional Gifts	4	\$150.00	\$600.00				
Companion Tours & Lunch (Fri & Sat)	2	\$750.00	\$1,500.00				
				\$6,780.00			
CRC Promotional Materials: Shirts for Volunteers and Gifts	1	\$500.00	\$500.00				
Swag Bags	75	\$50.00	\$3,750.00				
Printing/Photocopying (Name Tags, Tickets, Itineraries, etc.)	1	\$1,000.00	\$1,000.00				
Attendance at Region II Planning Meeting Montreal (Jan 2023)	2	\$1,000.00	\$2,000.00				
Signs and Placards	1	\$500.00	\$500.00				
Website Set-Up (New Website - use Google Forms & Square)	0	\$0.00	\$0.00				
Processing Fees (Stripe or Square)	1	\$1,500.00	\$1,500.00				
Banking Fees (18 months)	18	\$18.00	\$324.00				
Photography (volunteer, current historian)	0	\$0.00	\$0.00				
Repayment of CRC 2022 Seed Money From Chapter	1	\$5,000.00	\$5,000.00				
CRC Planning Meetings	1	\$500.00	\$500.00				
Transporation/Vans (for airport shuttle & companion tours)	3	\$1,500.00	\$4,500.00				
Miscellaneous	1	\$1,000.00	\$1,000.00				
				\$20,574.00			
EXPENSES TOTAL				\$74,854.00			
ndix - F01 - ASHRAE CRC 2023 LONDON							
NET INCOME/LOSSES				\$697.00			

Questions...Feedback...



❑ Ibrahim Semhat – CRC Chair

❑ Email: ibrahim.semhat@jci.com

❑ Mobile: 519-852-1470

❑ Tom Pollard – CRC Co-Chair

❑ Email: tpollard@execulink.com

❑ Mobile: 519-878-4473

WE HOPE TO SEE YOU!

ASHRAE REGION 2 CRC
London, Ontario
AUG 25-27, 2023

Ibrahim Semhat – CRC 2023 Chapter Chair
Tom Pollard – CRC 2023 Chapter Co-Chair

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ASHRAE Region II - CRC 2023 London

as of Aug 22/2022

Hotel - Oakwood Resort, Grand Bend
\$179.00 per Night (+ fees and taxes = +/- \$240.00/Night) paid direct by each attendee
regular 2022 rate is \$229/night + fees and taxes = \$277/night (expected to be higher in 2023)

				BUDGET	
REVENUE/INCOME	Quantity	Rate		Total	
Chapter Assessment - Region 2 Fund	1761	\$6.00	\$10,566.00		for 2022 CRC = 1507
CRC 2023 Seed Money From Chapter	1	\$5,000.00	\$5,000.00		
Welcome Party Wine (from next year's CRC host-Toronto)	1	\$1,500.00	\$1,500.00		
				\$17,066.00	
Full Registration (Thu, Fri, Sat)	40	\$550.00	\$22,000.00		2022 CRC Ottawa Full = 40
Partial Registration (Thu dinner, Fri, Sat)	44	\$435.00	\$19,140.00		2022 CRC Ottawa Partial = 44
Companion Registration (Thu dinner, Fri, Sat)	15	\$275.00	\$4,125.00		2022 CRC Ottawa Companion = 15
Family Registration (per child)	4	\$250.00	\$1,000.00		2022 CRC Ottawa Children = 4
Late Registration Fees	0	\$25.00	\$0.00		
Individual Tickets For Events - Welcome Party	2	\$60.00	\$120.00		
Individual Tickets For Events - Awards Luncheon	2	\$50.00	\$100.00		
				\$46,485.00	
Corporate Sponsorship - Platinum	1	\$4,000.00	\$4,000.00		
Corporate Sponsorship - Gold	1	\$2,500.00	\$2,500.00		
Corporate Sponsorship - Silver	3	\$1,000.00	\$3,000.00		
Corporate Sponsorship - Bronze	5	\$500.00	\$2,500.00		
				\$12,000.00	
				\$75,551.00	
REVENUE/INCOME TOTAL					
				BUDGET	
EXPENSES	Quantity	Rate		Total	
Meeting Rooms - main & workshops (Oakwood)	1	\$3,500.00	\$3,500.00		(\$2,400 + fees + HST)
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Miscellaneous	1	\$1,000.00	\$1,000.00		
				\$20,574.00	
				\$74,854.00	
EXPENSES TOTAL					
				\$697.00	
NET INCOME/LOSSES					

APPENDIX – G

2021 CRC REPORT

No expenses

as meeting was held as a virtual meeting
(due to COVID)

ASHRAE REGION II

ANNUAL FINANCIAL SUMMARY REPORT

Period: July 1st, 2021 - June 30th, 2022

DESCRIPTION	CREDIT	DEBIT	BALANCE
Opening balance for this period			52 240,28
INCOMES:			
Chapter's Opportunity Fund			
2020 CRC Revenues			
Regional Funds dues/Chapters Assessment Dues	0.00		
Bank Refund	33,51		
2021 Regional fund dues	3 474,84		
Total Incomes:	3 508,35		55 748,63
EXPENSES:			
Travel and expenses Society meeting		750,00	
CRC Seed Money 2019-2020		0,00	
Planning Meeting			
Bank Service Charges		111,15	
Yea + YLWWeek-End expenses reimbursement + LEADRS		1500,00	
CRC Expenses		0,00	
Other expenses (Career Fair)		0,00	
Total Expenses:		2361,15	
CLOSING BALANCE: June 30th 2022			53 387,48
Accounts Payable+ Cheques in circulation			12 042,00
CRC Seed money and allocation to London Chapter			
TD Account Balance as of June 30/2022		743.09	
Accounts Receivable			25 619,00
REGIONAL FUND invoices			

ASHRAE REGION II REGIONAL FUND

Financial Institution: Caisse Populaire Cap-Rouge
Branch: 1111, Bvl Chaudière, Québec, Québec, G1Y-3T4
Account # 60932, Transit # 20426

BY: Yves Trudel,

Date: July 14th, 2022

Audit By: _____

Date: _____

ANNUAL FINANCIAL REPORT

ASHRAE REGIONAL II FUND

CRC 2020 Region II, Ottawa, Ontario

August 2022

This report is to summarize the activities during the above financial period 2021/22 for the Region II Fund.

The chapter's dues invoices were based on \$6.00/per member and the previous year's member count, and \$ 11.00/ per member for the Regional Fund. The invoicing was done late in June 2022 and appear on this report as receivable. An amount of \$ 9 042,00 was also sent to the Ottawa in July for CRC seed money. Another amount of \$ 3000,00 was sent to London Chapter as support for the CRC.

When we deduct the annual expenses of \$ 2 361,15 on the revenue, the final closing balance is \$ 53 387,48 at the end of June 2022.

At closing time, there was receivable o and payable for the past year as indicated.

There is also an amount of \$ 743.09 in our TD account.

This report is forwarded to the next CRC host chapter in 2022 to be audited. After approval, the signed copy should be return to the Regional Treasury for records.

Prepared and submitted by: _____ Date: 22/08/14

Yves Trudel,

Audited and approved by: _____ Date: _____

Please return a signed copy after the approval.

ASHRAE - REGION II
 Budget 2022/2023

DESCRIPTION	CREDIT	DEBIT	BALANCE	2022/2023
REVENUES:				
Chapter's Opportunity Fund				
Chapters Assessment Dues (1761 X \$6)	\$10,566			10,566.00 \$
Regional Funds Dues (1761 X \$11)	\$19,371			19,371.00 \$
2022 CRC Surplus (Ottawa)	tbd			
Regional Insurance				
Regional Dinner Profit				
TOTAL REVENUES	\$29,937			29,937.00 \$
EXPENSES:				
Travel and Expenses Society Winter Meeting		\$7,500		7,500.00 \$
Travel and Expenses Society Annual Meeting		\$9,750		9,750.00 \$
DRC/RMCR CRC Registration and lodging		\$0		- \$
RMCR Hotel Re-Imbursement (Both Society Meetings)		\$2,500		2,500.00 \$
CRC Seed Money-Chapters Assessment Dues (1761 X \$6)		\$10,566		10,566.00 \$
Regional Award Plaques		\$750		750.00 \$
Planning Meeting		\$600		600.00 \$
CRC Chapter support		\$3,000		3,000.00 \$
LEADRS Expenses		\$3,000		3,000.00 \$
Yea Weekend Expenses		\$2,200		2,200.00 \$
Opportunity Fund				
Other Travel Expenses (not covered by society or chapter)		\$750		750.00 \$
Misc. Expenses (bank charge, shipment, postage)		\$500		500.00 \$
TOTAL EXPENSES		\$41,116		41,116.00 \$
NET BUDGET BALANCE			(\$11,179)	(11,179.00) \$



ASHRAE Leadership Presentation 2022 Fall CRC

Code of Ethics

"We will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interest."

Harassment and Discrimination Policy

ASHRAE strictly prohibits and does not tolerate discrimination against members or applicants for membership because of such individual's race, color, religion, age, sex, sexual orientation, national origin, physical or mental disability, pregnancy, genetic information, veteran status, uniformed service member status, or any other category protected under applicable law.

Commercialism

ASHRAE's Commercialism Policy allows for Society activities that fulfill the mission of technological advancement with adherence to business plans that generate income to offset operational expenses such as AHR Exposition, ASHRAE periodicals, website, and Society conference events such as the Welcome Party, luncheons, registration kits, and receptions.
ashrae.org/commercialism

View ASHRAE Governing Documents at ashrae.org/about/governance

Nominations Needed!



Committee Nominations

- Nominations for elected positions (Councils, RAC, TAC, Standards, and Handbook) are due **mid-September**.
- Nominations for appointed committees are due **mid-February**.
- Speak with your committee ExO/CO if your current appointment ends in June and you wish to be nominated for another committee.

Learn More about Technical and Society Level Committees
 ashrae.org/committee-nominations

Honors & Awards Nominations

ASHRAE's awards fall into one of six categories:

- Personal Honors
- Personal Awards for General & Specific Society Activities
- Paper Awards
- Society Awards to Groups or Chapters
- Chapter and Regional Awards

Learn More and Nominate Someone Today
ashrae.org/honorsandawards 

ASHRAE Technical Committees (TCs) and Volunteer Opportunities at ashrae.org/communities

ASHRAE Simplified Rules of Order & Quick Reference



NEW!

ASHRAE Simplified Rules of Order – Quick Reference

Guiding Principles:

- Quorum is required before business can be conducted.
- Everyone has the right to participate in discussion if they wish before anyone may speak a second time.
- Everyone has the right to know what is going on at all times. Only urgent matters may interrupt a speaker.
- Only one thing (motion) can be discussed at a time.

A motion is the topic under discussion (e.g., "I move that we add a coffee break to this meeting"). After being recognized by the president of the board, any member can introduce a motion when no other motion is on the table. A motion requires a second to be considered. If there is no second, the matter is not considered. Each motion must be disposed of (passed, defeated, tabled, referred to committee, or postponed indefinitely).

How to do things:

You want to bring up a new idea before the group.
After recognition by the president of the board, present your motion. A second is required for the motion to go to the floor for discussion, or consideration.

You want to change some of the wording in a motion under discussion.
After recognition by the president of the board, move to amend by

- adding words,
- striking words or
- striking and inserting words.

You like the idea of a motion being discussed, but you need to reward it beyond simple word changes.
Move to substitute your motion for the original motion. If it is seconded, discussion will continue on both motions and eventually the body will vote on which motion they prefer.

You want more study and/or investigation given to the idea being discussed.
Move to refer to a committee. Try to be specific as to the charge to the committee.

You want more time personally to study the proposal being discussed.
Move to postpone to a definite time or date.

You are tired of the current discussion.
Move to limit debate to a set period of time or to a set number of speakers. Requires a 2/3rd vote.

You have heard enough discussion.
Move to close the debate. Also referred to as calling the question. This cuts off discussion and

ASHRAE SIMPLIFIED RULES OF ORDER & MEETING FUNDAMENTALS

Updated by the Society Rules Committee: February 1, 2022
Approved by the ASHRAE BOD: February 2, 2022

Download the rules and quick reference

[ashrae.org/communities/committees/
society-rules-committee](https://ashrae.org/communities/committees/society-rules-committee)

- Intent is to streamline meetings by providing simpler meeting guidance. Rules generally follow Roberts Rules of Order but are intentionally modified for the purpose of use in ASHRAE meetings.
- Councils and Committees should be fully operational in the new meeting guidance as of July 1, 2022.

CHANGES APPROVED AT THE 2022 ANNUAL CONFERENCE

The meeting fundamentals and quick reference have been revised to reflect the procedure for motions made from subcommittees and reporting bodies.

REMINDER! These are big changes for our Society, and we need your assistance to implement the approved changes at the Society and Chapter level.

Questions or comments regarding the new rules of order and quick reference?

Contact boardservices@ashrae.org

2022-23 Board of Directors

Executive Committee



Through an elaborate committee structure, including committees and councils, ASHRAE policies are established by a **Board of Directors** comprised of Society members elected by the membership. Board members serve terms of one to three years, including the President who serves a one-year term.

President



Farooq Mehboob, P.E.
Fellow ASHRAE, Life Member
Karachi, Pakistan

President-Elect



Ginger Scoggins, P.E.
Raleigh, North Carolina

Treasurer



Dennis Knight, P.E.
Fellow ASHRAE
Mt. Pleasant, South Carolina

Vice Presidents



Dunstan Macauley, P.E.,
HBDP
Arlington, Virginia



Sarah E. Maston, P.E., BCxP
Hudson, Massachusetts



Billy Austin, P.E., BCxP, BEAP,
BEAP, HBDP, HFDP, OPMP
Charlotte, North Carolina



Ashish Rakheja
Noida, Uttar Pradesh, India

2022-23 Board of Directors

Director and Regional Chairs



Region I



Steven C. Sill
Sterling, New York

Region II



Ronald Gagnon
Quebec, Canada

Region III



Mark Tome, P.E., HFDP
Harrisburg, Pennsylvania

Region IV



Bryan Holcomb
Oak Ridge, North Carolina

Region V



James Arnold, P.E.
Dublin, Ohio

Region VI



Susanna Hanson
La Crosse, Wisconsin

Region VII



Chris M. Gray, Ph.D., P.E.
Atlanta, Georgia

Region VIII



Randy C. Schrecengost, P.E., BEAP
Austin, Texas

Region IX



Tyler J. Glesne, BCxP, BEAP
Omaha, Nebraska

Region X



Devin A. Abellon, P.E.
Los Angeles, California

Region XI



Eileen Jensen, P.E.
Vancouver, Washington

Region XII



John Constantinide, P.E.,
Miami, Florida

Region XIII



Cheng Wee Leong, P.E.,
Singapore

Region XIV



Andres J Sepulveda
Madrid, Spain

Region-at-Large



Richie Mittal
New Delhi, India

2022-23 Board of Directors

Directors-at-large



Wade Conlan, BCxP
Maitland, Florida



Blake Ellis, P.E.
Overland, Kansas



Dru Crawley, Ph.D., BEMP
Washington, D.C.



Kenneth Fulk
Allen, Texas



Art Giesler
Colleyville, Texas



Wei Sun, P.E.
Ann Arbor, Michigan



Kishor Khankari, Ph.D.
Ann Arbor, Michigan



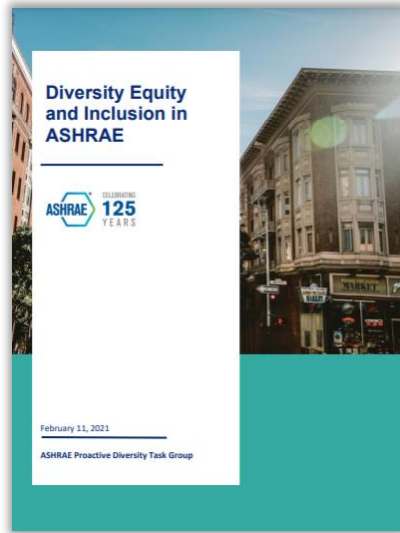
Luke Leung, P.E
Clarendon Hills, Illinois



Adrienne Thomle
Reno, Nevada

Diversity, Equity, & Inclusion (DEI) in ASHRAE

BOD Subcommittee created by the Board in January 2021



The purpose of the BOD DEI Subcommittee is to advise and engage the Board of Directors on:

- All matters relating to diversity, equity and inclusion - with a view to improving organizational awareness and performance in these areas amongst both staff and the Society membership
- The establishment of annual budgets for DEI program and ongoing initiatives
- The prioritization of inclusivity issues which have relevance to ASHRAE, together with plans for addressing these issues
- Potential DEI training modules for Chapters and Committees

Download the Report

ashrae.org/DiversityEquityInclusion

Members of the BOD DEI Subcommittee

Adrienne Thomle (Chair); Kishor Khankari (Vice Chair); Devin Abellon; Susanna Hanson; Wei Sun; Ashish Rakheja; Tanisha Meyers-Lisle (Staff Liaison); Billy Austin; Dennis Knight; Farooq Mehboob (Consultant)



Task Force for Building Decarbonization



The **Task Force For Building Decarbonization** (TFBD) is working to implement strategy, direction, and successful products and services for the industry relating to building decarbonization.

Products and Services Include:

- Six Guides
- Creating content for Knowledge Hub and [ashrae.org](https://www.ashrae.org)
- Establishing relevant training & education

Email questions or input to decarb@ashrae.org

[ashrae.org/decarb](https://www.ashrae.org/decarb)



**Distinguished
Lecturer**

Do you want to be the next ASHRAE Expert in Building Decarbonization?

ASHRAE Distinguished Lecturer (DL) will share knowledge virtually and in-person with ASHRAE Chapters about topics related to building carbon footprint reduction.

Topics associated with building decarbonization include:

- Operational carbon
- Embodied carbon
- Building system electrification
- Building performance standards
- Grid-building intersection
- Appliance and equipment standards
- Site sequestration

Submit Nominations by December 1

To learn more, visit ashrae.org/dl

Society Updates



The **Society Snapshot** showcases the incredible efforts and impact of ASHRAE over the past year, as a direct result of volunteer and member support.



ASHRAE Board Activities

Stay updated with the work and efforts of the ASHRAE Board of Directors.

Join the Next ASHRAE Board Meeting

Monday, Aug 15 at 8:00 am –12:00 pm ET

Visit ashrae.org/bod for meeting login information, agendas, minutes, and a list of principal approved motions from recent meetings.

ashrae.org/society-snapshot

ashrae.org/bod

Membership & Communities



10% Discount for Five New Employees

Employers who submit 5 or more new membership applications in a single transaction receive a 10% discount on total dues owed. Requires paper applications available at ashrae.org/join.

Free Winter or Annual Conference Registration

New full dues paying members receive one complimentary registration to a Winter or Annual Conference to be used within the first two years of their membership.



Easily tell Colleagues about these exciting new benefits with Connect-A-Colleague

Invite peers to join ASHRAE in less than one minute using a pre-written email invitation at ashrae.org/connect

View Benefits ashrae.org/membership
See Communities ashrae.org/communities

Supporting ASHRAE's Mission



Thank You to all the **donors and volunteers** for your support during this challenging year.

ASHRAE's Development Program is dedicated to seeking support for all aspects of ASHRAE's mission. In addition, the **ASHRAE Foundation**, as an endowed trust, provides funding for professional development and research projects, it supplies qualified engineering students with much needed scholarship assistance, and provides grants to help support the Society's vital work.



\$3.1M Total Cash Raised*



\$1M Raised for Endowments



\$234,500 Awarded through 66 Scholarships

The **Research Promotion Campaign** supports ASHRAE Research, Education, YEA programs, Scholarships, Endowed Funds, the RP General Fund and Special Initiatives.

RP Campaign Total \$2.5M

(Research, YEA, ALI, Scholarships, General)



Within the RP Campaign
\$1.9M Raised for Research



**\$1.1M Given by ASHRAE
Regions, Chapters and Sections**

*More than 5,000 contributions from Members, Corporations and other Organizations

Donate, Volunteer and Learn More at
ashrae.org/support

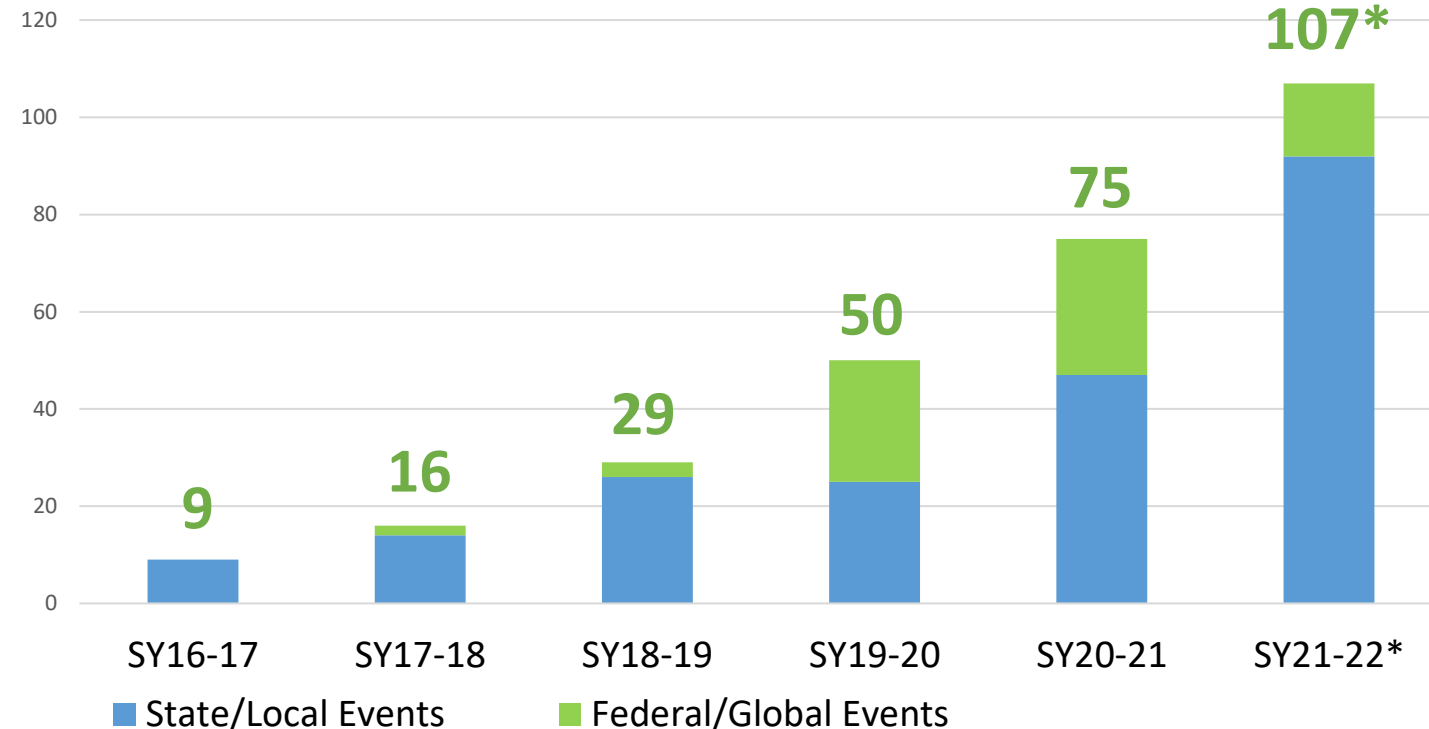


ASHRAE Government Affairs program works to establish ASHRAE as a leading source of trusted expertise for policy-makers in the development of legislation and regulations affecting the public and HVAC&R industry.

- The **Government Affairs Update** bi-weekly newsletter provides updates on government activities. Subscribe online or by emailing GovAffairs@ashrae.org.
- **Government Outreach Events** connect ASHRAE volunteers with policy-makers.
- Letters, briefings, testimony, and comments are sent in support of ASHRAE's **Public Policy Priorities**: 39 sent this year.

Get Involved + Get Resources
[ashrae.org/government-affairs](https://www.ashrae.org/government-affairs)

Government Outreach Events



*SY21-22 shows estimated total events held

Professional Development



eLearning

Convenient, on-demand courses for individuals or groups.

90+ online courses starting at **\$42** for members.

Group Rates Available

Updated Course Catalog:
elearningcatalog.ashrae.org



ASHRAE Learning Institute (ALI)

Instructor-led courses in a variety of formats.

See the Updated Schedule of In-Person and Virtual HVAC Design Courses!

- Level I – Essentials
- Level II – Applications

NEW Courses Added to the Instructor-led Online Series
ashrae.org/onlinecourses

Courses Available for ASHRAE Chapter, and In-Company Presentations.

Certification

Validate and promote your expertise via online examination and digital badging.

Building Design

- Energy Modeling (BEMP)
- Healthcare Facility Design (HFDP)
- High-Performance Building Design (HBDP)
- HVAC Design (CHD)

Building Performance

- Commissioning (BCxP)
- Energy Assessment (BEAP)

Building Operations

- Operations & Performance Maintenance (OPMP)

ashrae.org/professional-development



Publications

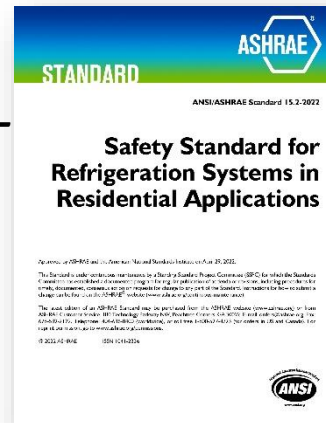
Be on the lookout for updated Standards 90.1 and 62.1 later this year.



Recently published items available at [ashrae.org/bookstore](https://www.ashrae.org/bookstore)



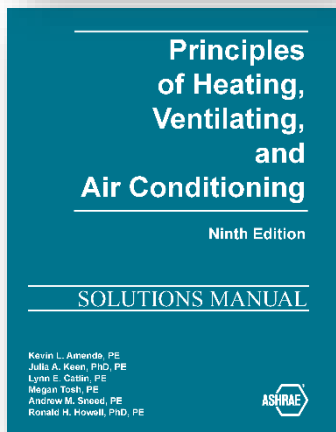
***Designing for
Operational Excellence—
Intentional Design for
Effective
Operation and
Maintenance***



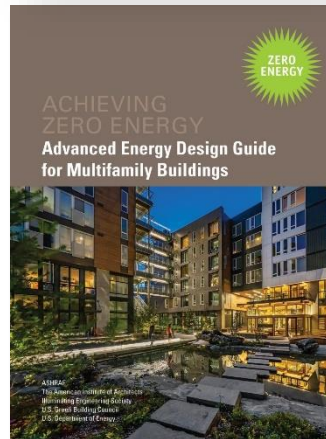
**ASHRAE Standard 15.2:
Safety Standard for
Refrigeration Systems in
Residential Applications
(ANSI Approved)**



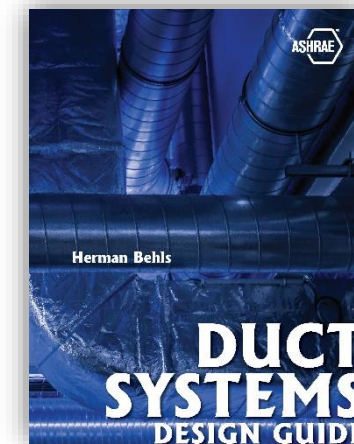
***Lucy's
Engineering
Adventure***



***Principles of Heating,
Ventilating, and Air
Conditioning, Ninth
Edition***



**Advanced Energy
Design Guide for
Multifamily Buildings
— Achieving Zero
Energy (AEDG)**



***Duct Systems
Design Guide***

ASHRAE Technology Portal

Provides a one-stop location for ASHRAE papers, articles, reports, Handbook PDFs, and seminar recordings.

Online Standards Database

Allows access to public review drafts for standards, guidelines, and addenda to submit comments, to do online balloting, and to submit proposals to standards and guidelines.

Zero Energy Advanced Energy Design Guides (AEDG)

Available for free download: NEW! NZE Guide for Multifamily Buildings, and AEDG for offices and K-12 schools.

Science and Technology for the Built Environment

Provides free online access to archival research publication offering comprehensive reporting of original research.

ASHRAE Technical Apps

Deliver mobile design, calculation, and analysis tools to the palm of your hand.

Free Technical Resources

Offer downloads of a variety of well-known resources to everyone.

ASHRAE 365

Updates on all things ASHRAE, for free and year-round.

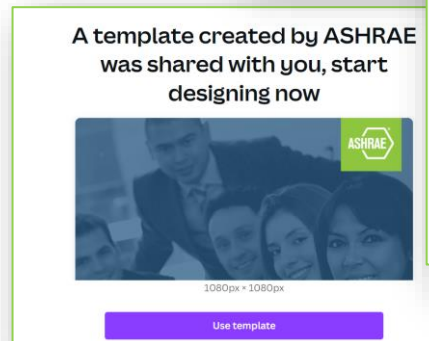
Find these resources and many more at [ashrae.org](https://www.ashrae.org)



Created for the busy volunteer, **Marketing Central** is a single page resource for Society-related marketing materials.

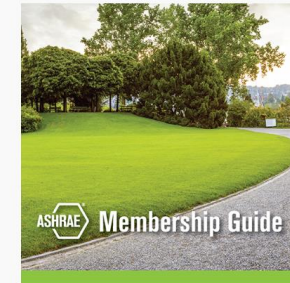
Resources organized by file type:

- Canva Templates
- Forms
- Logos
- PDFs
- PowerPoint Presentations
- Templates
- Toolkits
- Tradeshow
- Videos
- Virtual Backgrounds



- Request promotional freebies
- Shop the logo store
- Order Chapter supplies

Logo Items



Promotional Freebies

SUBMIT ORDER



ASHRAE Logo Merchandise

SHOP NOW



Chapter Supplies Order

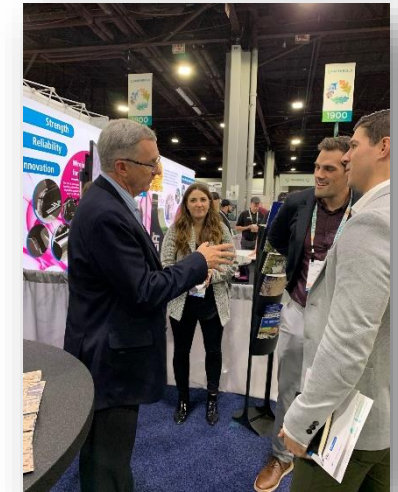
BROWSE SUPPLIES

ashrae.org/marketingcentral

Upcoming Tradeshows



WHAT?	WHEN?	WHERE?
AHR Mexico	September 20-22, 2022	Guadalajara, Jalisco Booth#728
Greenbuild	November 1-3, 2022	San Francisco, CA Booth#2238
AHR Expo	February 6-8, 2023	Atlanta, GA Booth#B1638



- Educational Resources
- Discounts on Publications
- Free ASHRAE Giveaways



ASHRAE Topical Conferences



SEP
2022

2022 ASHRAE Building Performance Analysis Conference

Sep 14 – 16, 2022 | Chicago, IL

OCT
2022

International Building Decarbonization 2022 Conference

Oct 6-7, 2022 | Athens, Greece

OCT
2022

The Fifth International Conference on Efficient Building Design

Oct 20–21, 2022 | Beirut, Lebanon

DEC
2022

Buildings XV Conference

Dec 5–8, 2022 | Clearwater Beach, FL

MAR
2023

ASHRAE SCANVAC HVACC Cold Climate Conference 2023

Mar 6-8, 2023 | Anchorage, AK

Mar 9-10, 2023 | Fairbanks, AK

[ashrae.org/conferences](https://www.ashrae.org/conferences)



2023 ASHRAE Winter Conference



2023 ASHRAE Winter Conference & AHR Expo February 4-8, 2023 Atlanta, GA

Registration opens in Fall 2022
ashrae.org/2023Winter



Thank you!
Questions or Comments?



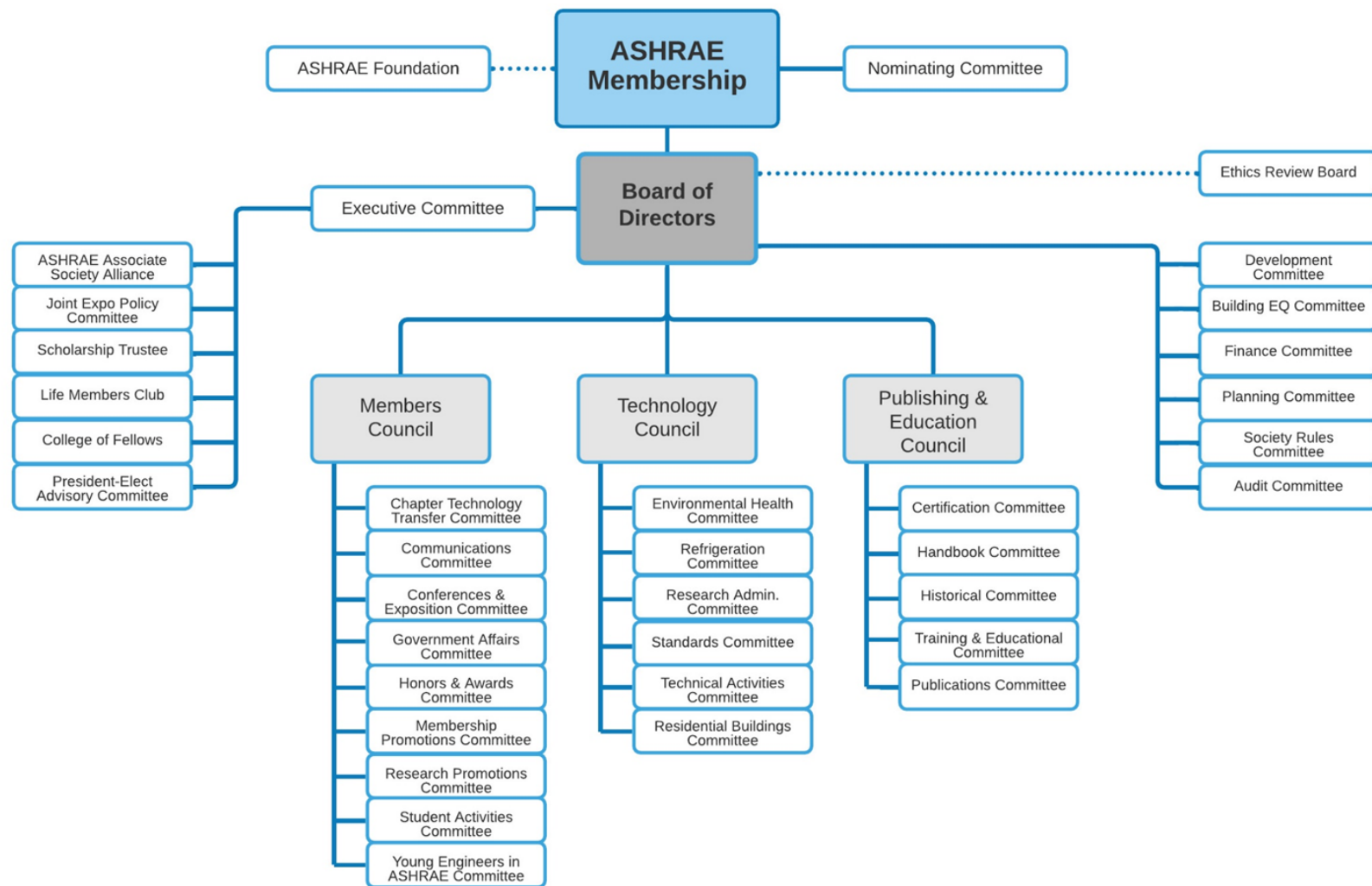
ASHRAE SY2022-23

Proposed BOD Composition & Leadership Structure

By: Ginger Scoggins

Guiding Principles

- The world and ASHRAE have changed significantly since our Society's consolidation in 1959.
- The fundamental BOD composition has not where the society footprint has expanded significantly.
- The committee goal was to investigate our leadership structure:
 - That can improve ASHRAE's operational efficiency,
 - Provide a framework that can better support our global footprint
 - Facilitate better support of our grassroots
 - Facilitate our members personal development to promote a more diverse and inclusive BOD
 - Promote more use of ASHRAE's products and services
 - Facilitate better collaborations with our industry partners

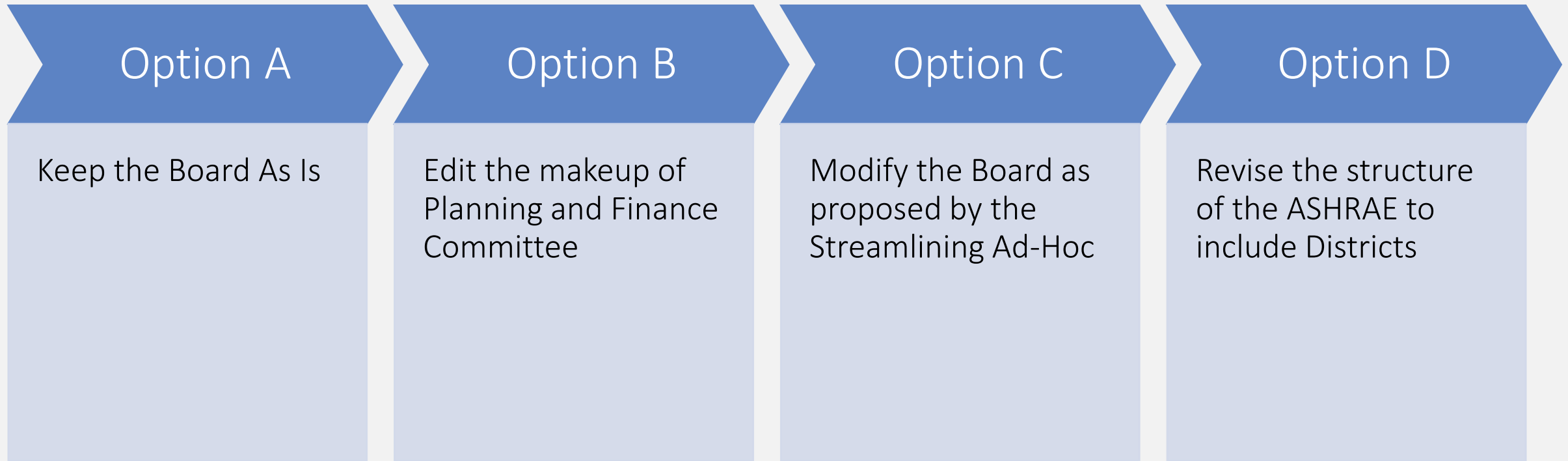


ASHRAE Organizational Chart

Current ASHRAE BOD Composition
ASHRAE Chief Executive Officer (non-voting)
Officers: President, President-Elect, Treasurer, (4) Vice-Presidents
Regional Directors: (15) One from each Region
Directors-At-Large: (9) At-large directors

Total Current BOD Members: 32

ASHRAE Board of Directors (Current)



Proposed Options

The image features a central dark blue hexagon with a white border. To its left is a medium blue hexagon with a small orange hexagon to its left. Above the central hexagon is a small light blue hexagon, and below it is a medium blue hexagon. The background is black.

OPTION # D

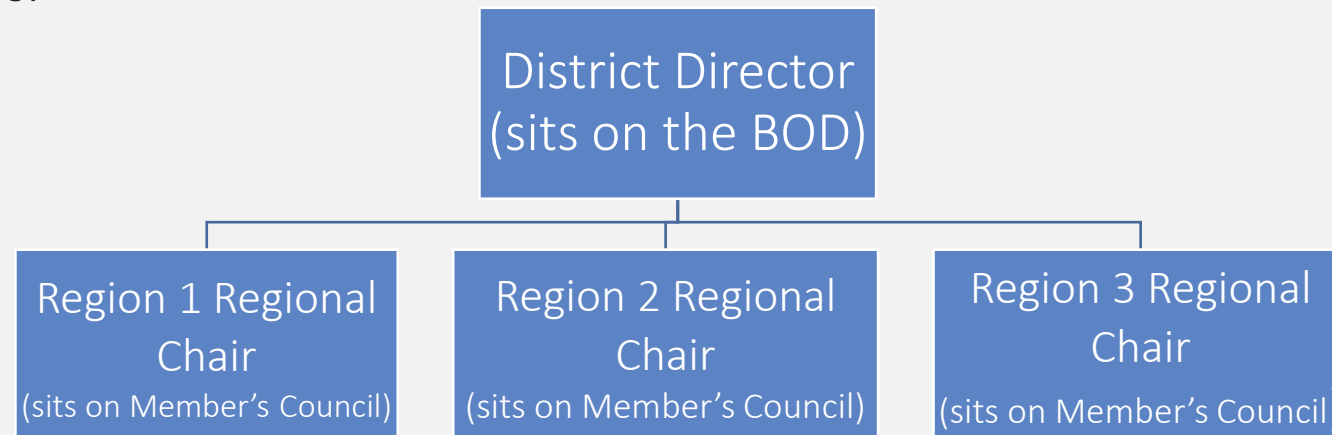
**Six Districts
with Existing
Regions**

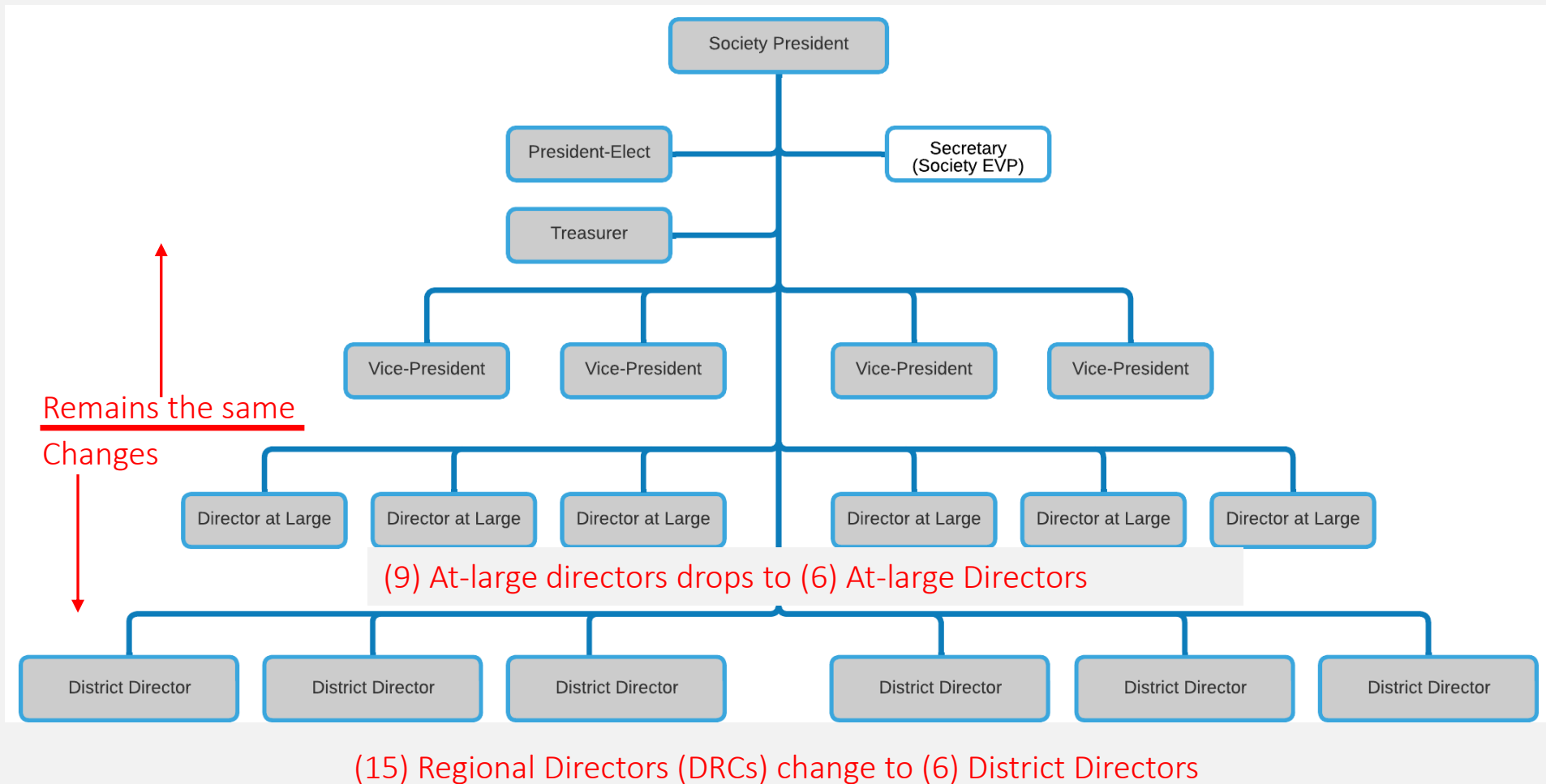
Option D – Districts

Proposed BOD Structure Change at Society Level



- ASHRAE shall create a new supervisory level, called a **DISTRICT**, in the current organizational structure.
- A District shall consist of 2 to 4 Regions
- A District will be chaired by a **District Director (DD)**.
- The DD will sit on the ASHRAE Board of Directors.
- The District Leadership will consist of the District Director and Regional Chairs (currently DRC) within the District boundaries.





Proposed ASHRAE BOD Structure - Districts

Option D – Districts

Proposed Structure changes at Chapter and Regional Level

- Chapter operations will remain the same.
- Regional operations and structure will remain the same.
- RVC roles and responsibilities will remain the same.
- The regional Nominating Member, Alternate, and Reserve Alternate roles and responsibilities will remain the same.
- The DRC and RMCR will be merged into a new role which will be defined as Regional Chair (RC).
- The RC will manage the region as currently defined in the Rules of the Board.
- The RC will serve on Members Council only.
- The RC shall be a regional elected position by members of the regions they will serve.
- Each region shall nominate an Assistant Regional Chair (ARC) to assist the RC.
- The ARC shall be a presidential appointed position.



Option D – Districts

Proposed Structure – NOMINATIONS PROCESS

REGIONAL CHAIR PROCESS:

- Each region, through the regional caucus, shall nominate an individual for the position of Regional Chair.
- The Regional Chair shall be elected by the members of their respective region.

DISTRICT DIRECTOR PROCESS:

- Each region, through the regional caucus, shall nominate an individual for the position of District Director for their respective District.
- The Nominating Committee, through their currently prescribed procedures, shall nominate a District Director for each District.
- Nominations for District Director shall be made through the regional caucus only.

AT-LARGE DIRECTOR PROCESS:

- Each region, through the regional caucus, may nominate individuals for each Director at Large opening.
- Tech Council and Pub Ed Council may nominate no less than three individuals for each Director at Large opening.
- The Nominating Committee, through their currently prescribed procedures, shall make a recommendation for the position of Society Directors from the list of nominees.



VOTING MEMBERS:

- Chair: President-Elect of the Society (V)
- Vice-Chair: Treasurer of the Society (V)
- The Regional Chair from each Region (V)
- One past member of the BOD (V)
- Current Chair of each of the nine committees reporting to the council (V):

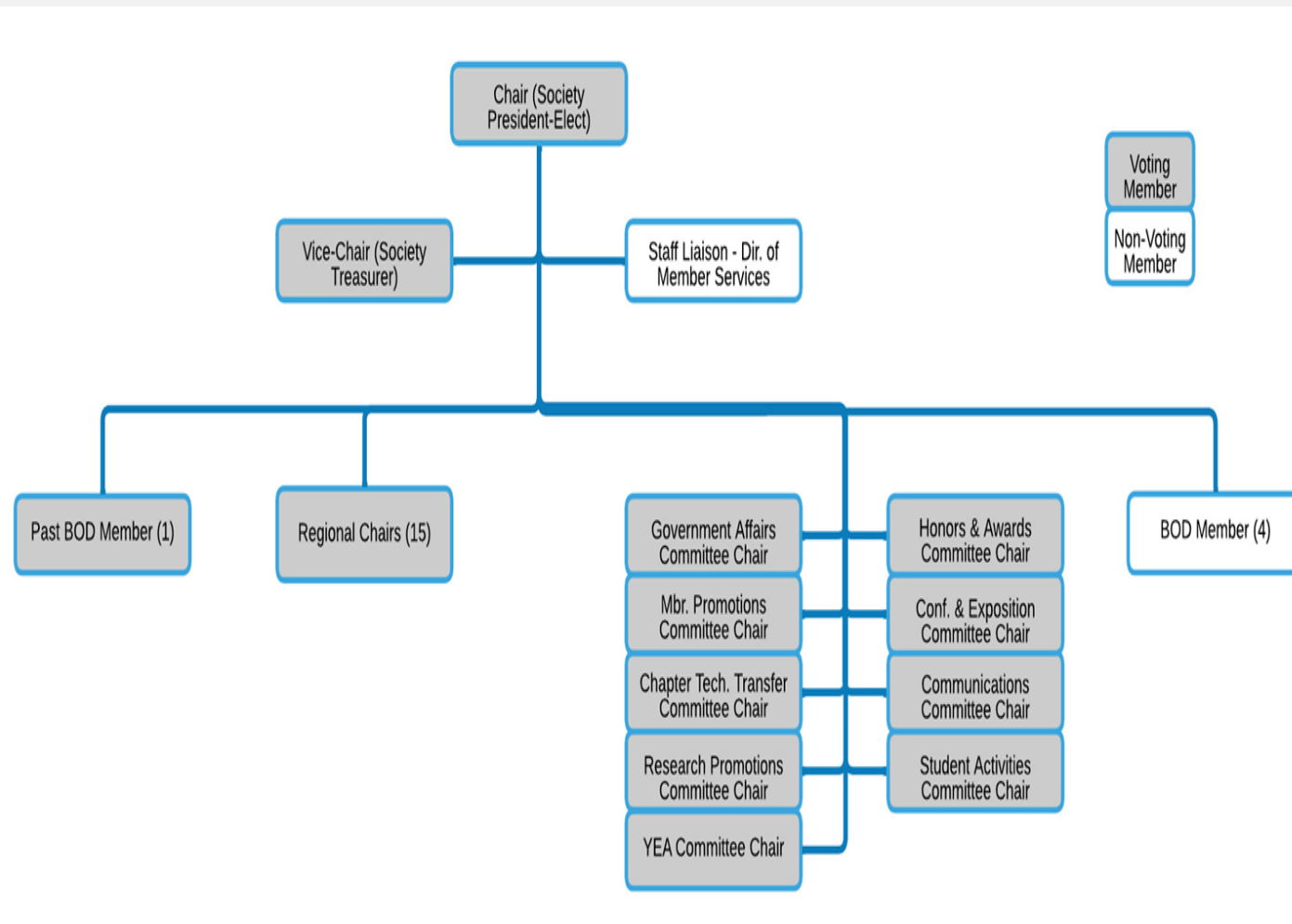
NON-VOTING MEMBERS:

Four DISTRICT Directors shall be Consultants or Non-Voting Members.

RESULT: 27 VM and 4 Consult. / NVM. (Currently 23 V and 9 NV)

Misc. Notes:

- The Vice Chair will be the liaison to Finance Committee.
- The past BOD member of the council will be the liaison to Planning.



ASHRAE Members Council Organizational Chart

VOTING MEMBERS:

- Chair: A VP of the Society (V)
- Vice-Chair: A VP of the Society (V)
- Two (2) members in good standing who have served as a chair of a standing committee or have served as a Regional Chair. (V)
- One past member of the BOD (V)
- One past voting member from each of the five committees reporting to the council (V),
- Current Chair of each of the five committees reporting to the council (V)

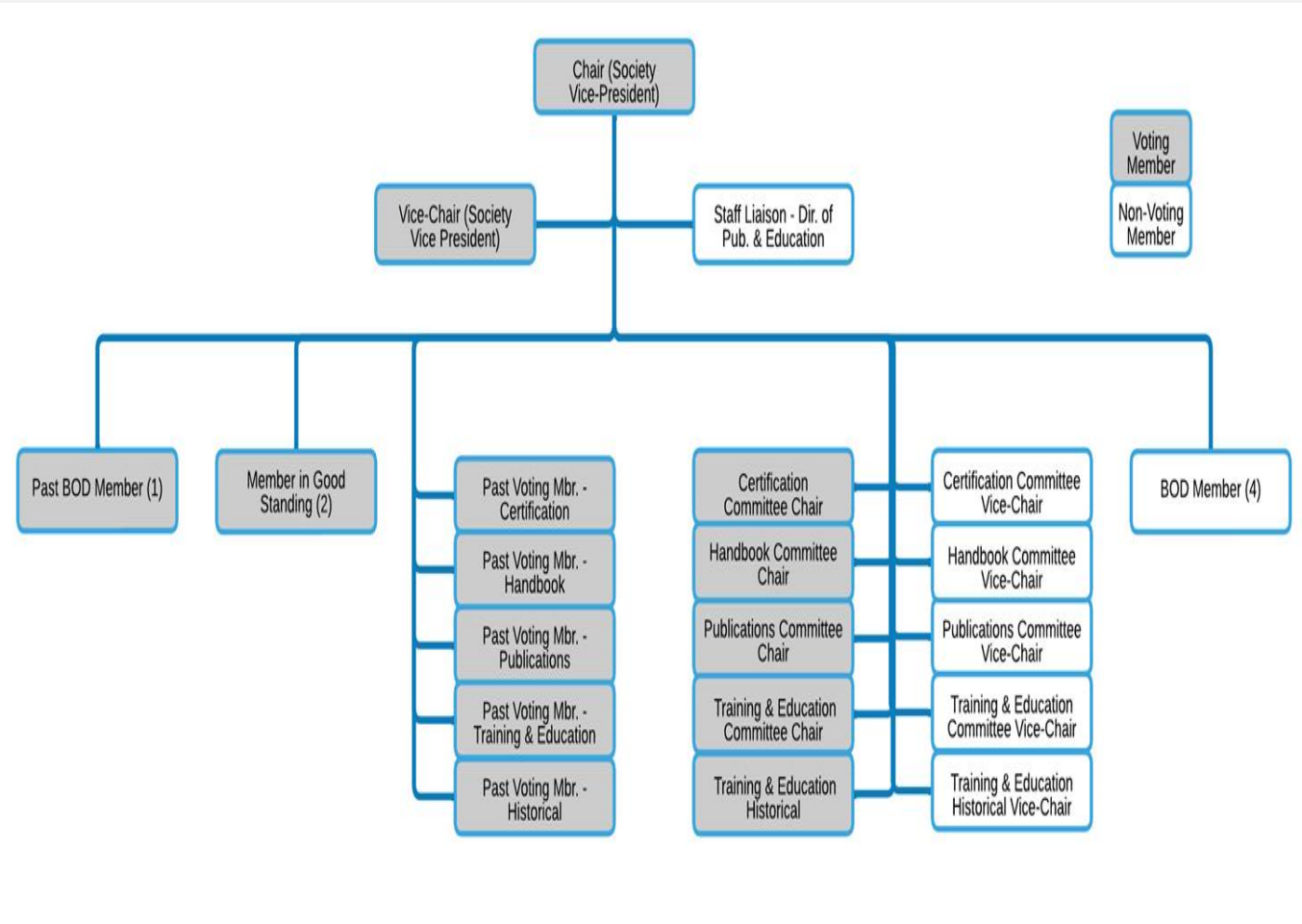
NON-VOTING MEMBERS:

- Current Vice-Chair of each of the five committees reporting to the council (NV)
- Four DISTRICT Directors shall be Consultants or Non-Voting Members.

RESULT: 15 VM, 5 NVM, and 4 Consult. / NVM. (Currently 15 V and 7 NV)

Misc.:

- The Chair of the council will be the liaison to Finance.
- The Vice Chair of the council will be the liaison to Planning.



ASHRAE Pub Ed Council Organizational Chart

VOTING MEMBERS:

- Chair: A VP of the Society (V)
- Vice-Chair: A VP of the Society (V)
- Two (2) members in good standing who have served as a chair of a standing committee and has served at least four (4) years as a voting member of a TC, SPC, SSPC, GPC, and/or MTG OR have served as a Regional Chair committee and has served at least four (4) years as a voting member of a TC, SPC, SSPC, GPC, and/or MTG.. (V)
- One past member of the BOD (V)
- One past voting member from each of the six committees reporting to the council (V),
- Current Chair of each of the six committees reporting to the council (V)

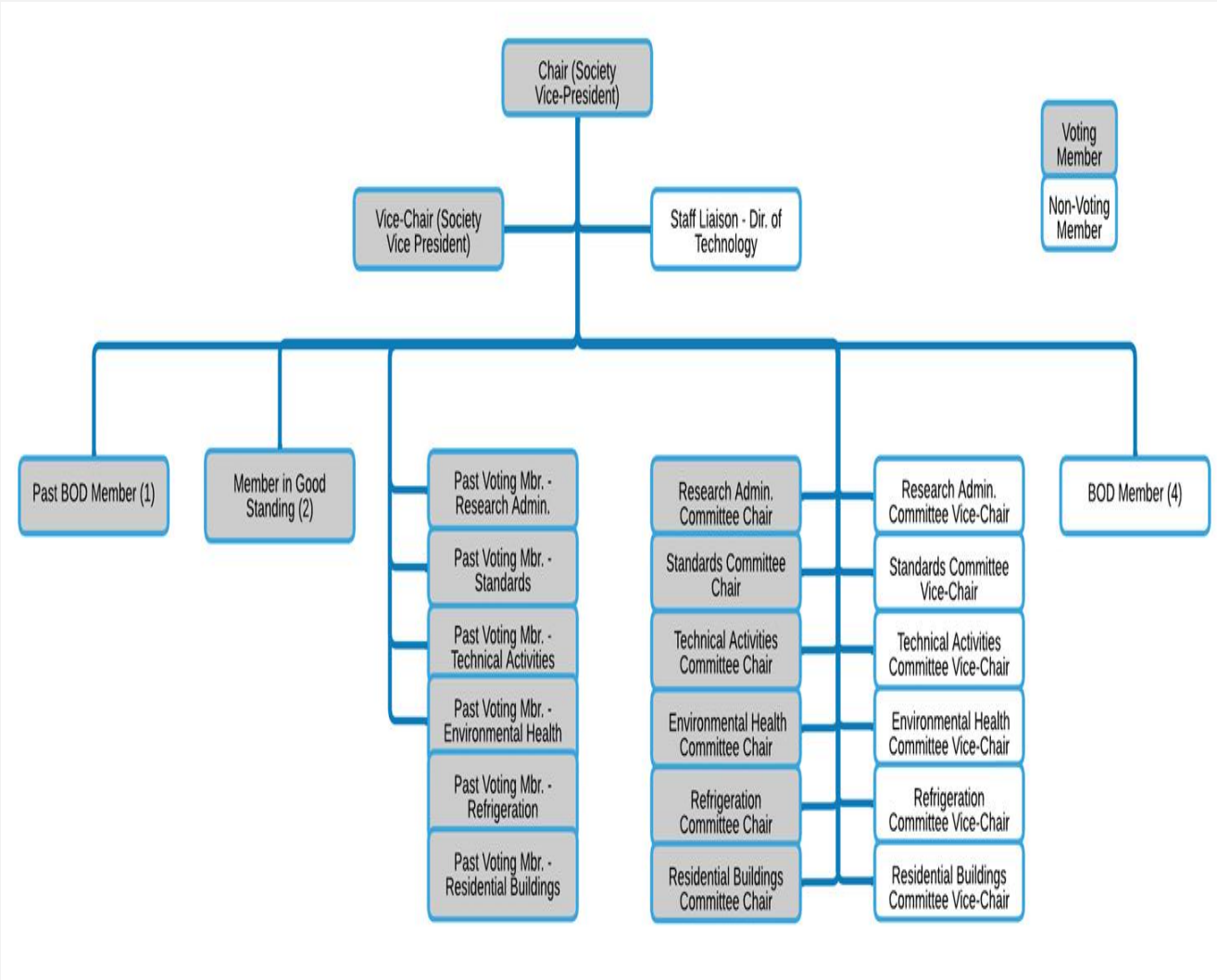
NON-VOTING MEMBERS:

- Current Vice-Chair of each of the six committees reporting to the council (NV)
- Four **DISTRICT** Directors shall be Consultants or Non-Voting Members.

RESULT: 15 VM, 5 NVM, and 4 Consult. / NVM. (Currently 15 V and 7 NV)

Misc.:

- The Chair of the council will be the liaison to Finance
- The Vice Chair of the council will be the liaison to Planning.



ASHRAE Tech Council Organizational Chart



**Discussion /
Questions?**



Staff Report for Region II CRC Ottawa, Canada – August 2022



Alice Yates
Director of Government Affairs

Why am I here?

- To Support ASHRAE Members!
- Provide an overview of the staff structure
- To Listen
- To Answer Questions
- To Provide a Staff Contact for future assistance
- Remind you that ASHRAE staff exist to support you



ASHRAE STAFF OVERVIEW

- 112 staff positions
- Departments:
 - Administration (EVP): 4
 - Administrative Services: 20
 - Development: 6
 - **Government Affairs: 5**
 - Marketing: 9
 - Member Services: 19
 - Publications & Education: 31
 - Technology: 18



Tools to Promote Membership

- NEW Full and Associate Members
 - Volume discount to encourage employer support
 - Free registration to a Winter or Annual Conference



Benefits of
Membership



Resources to
help with
promotion and
retention



[https://www.ashrae.org/membership/
member-benefits](https://www.ashrae.org/membership/member-benefits)



Government Affairs Department

- Purpose: To establish ASHRAE as a **leading source for expertise** in the built environment and a **resource for policy-makers** in the development of legislation and regulations.

Building Relationships

Facilitating Technology Transfer

Organizing Outreach Events

Disseminating Information

- Five staff who are happy to assist you!

Email: GovAffairs@ashrae.org



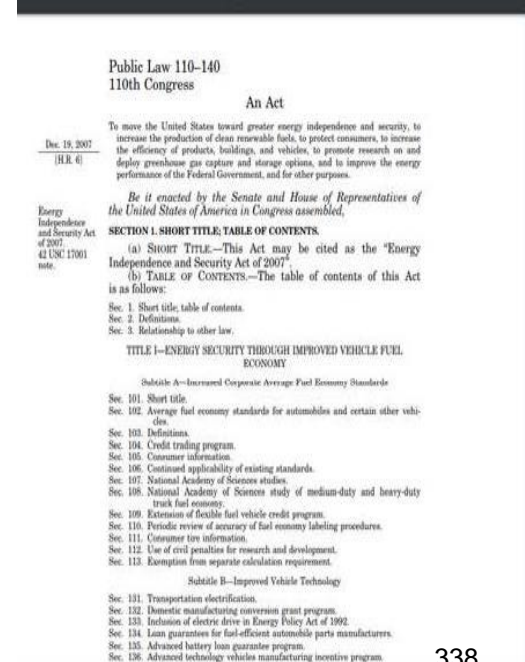
Key Areas of Focus for Government Affairs Staff



Support and planning for Government Outreach Events

Appendix - I03 - Staff Report for Region II CRC Fall 2022

- Bi-Weekly Government Affairs Updates: [sign up here!](#)
- Planning and managing Leadership Meetings in Washington, DC
- Tracking legislation and regulations, drafting letters and testimony, connecting members with agencies and elected officials, strengthening relationships with aligned organizations
- Supporting webinars, briefings, and hearings for policy makers
- Supporting government grant applications and contracts
- Government Affairs Committee (GAC) Support



Government Affairs: Canadian Members in Action!



Impressive Government Engagement in Canada!

- Huge and successful outreach using Epidemic Task Force Resources, in particular directed at School Facilities (Ontario-wide and Halifax)
- Input on Canada's Model Code
- Potential for ASHRAE Input to Guideline for Indoor Air Quality
- 10 Government Outreach events, including high-level meetings with MPs and Natural Resources Canada



Opportunities to Interact with Canadian Government



- Advocacy group focused on energy efficiency
- Housed at Carleton University's Sustainable Energy Research Centre
- Policy Work includes Better Building Codes





OUTLOOK and OPPORTUNITIES

Buildings continue to be on the policy and legislative agenda:

- To meet climate and carbon goals
- To provide healthy and safe places to live, work and learn
- To bring resilience to communities

➔ **ASHRAE resources and technical expertise are in demand!**



Overall Global Outlook

- As a part of COP26, [136 countries](#) included building efficiency/decarbonization in their climate goals, up from 88 countries in 2015
 - 80 countries have national or sub-national building energy codes, 43 of which have mandatory codes.
 - However, [82%](#) of estimated population growth by 2030 (and subsequent building construction) is in countries without mandatory building energy codes and [44%](#) in countries without any building energy codes.
 - More nations and cities endorsed commitments to net-zero emissions than ever before. Over a thousand cities have now signed up to [Cities Race to Zero](#) to achieve net-zero carbon emissions by 2050 at the latest.
- COP27 in Sharm El-Sheikh, Egypt: Focus will be Implementation of Climate Pledges

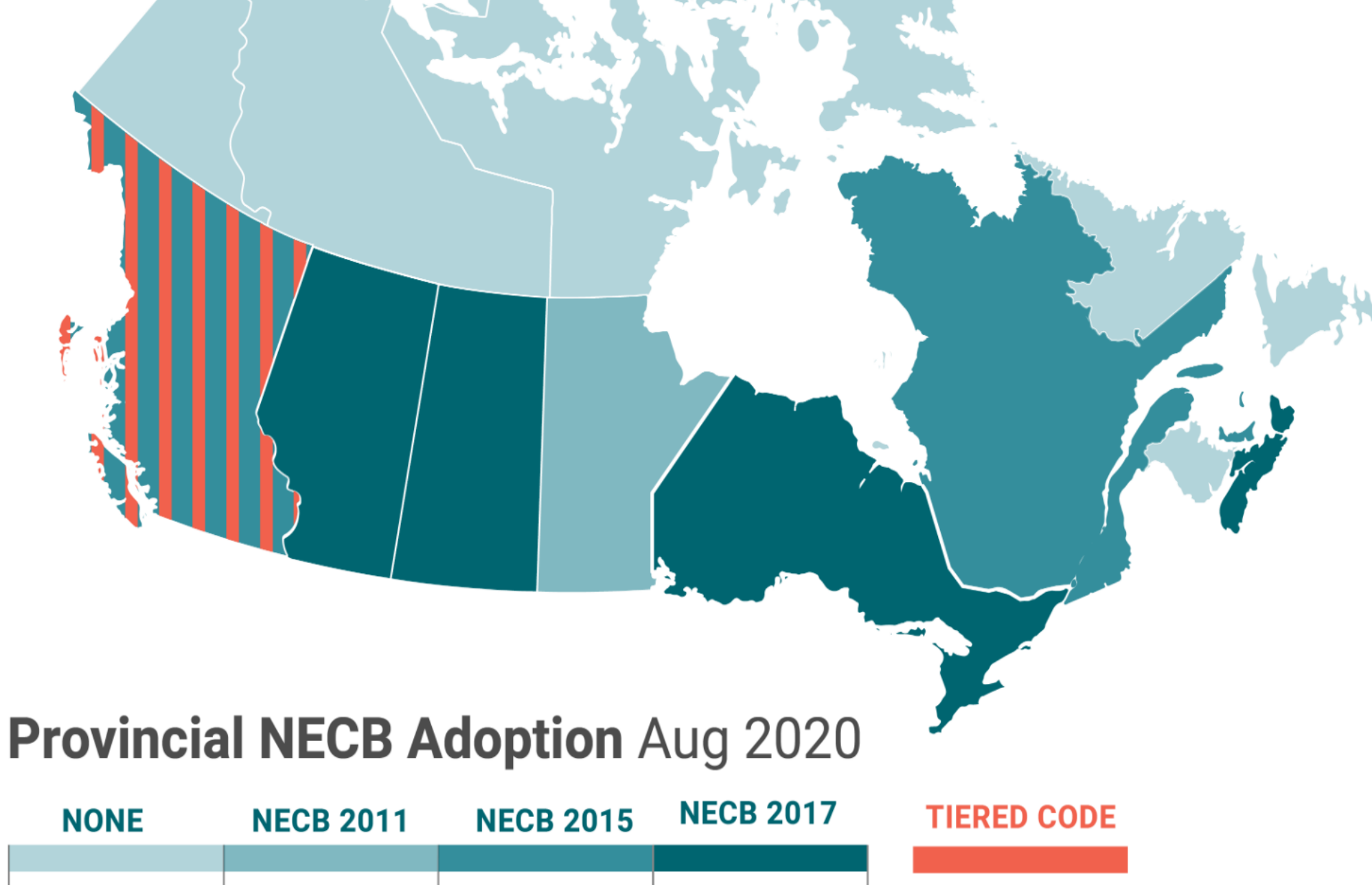


Sources: GlobalABC 2021; UNFCCC Race to Zero

Canada's Commitments and Opportunities to Engage

- Canada's Nationally Determined Contribution:
 - 40-45% below 2005 levels by 2030
- Policy Mechanisms:
 - Setting a price on carbon
 - Decarbonizing the electric grid
 - Currently 80%+ emissions free
 - On track to reach goal of 90% non-emitting by 2030
 - Adoption of **Energy Codes for Buildings** is key!
 - 17% of greenhouse gas emissions







GovAffairs@ashrae.org



EXTRA SLIDES

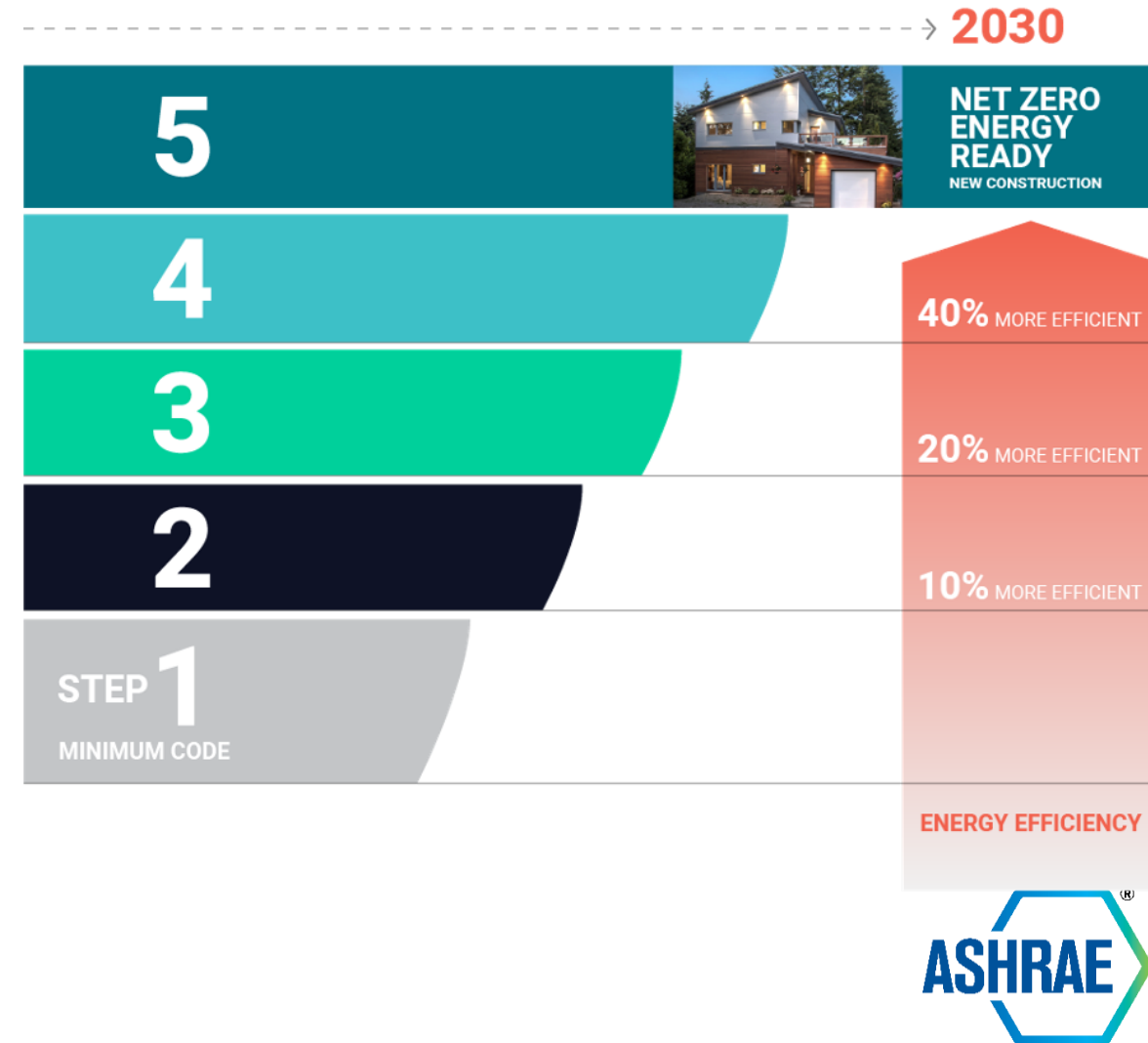
Why Buildings Matter for Reaching Canada's Climate Goals

- The Canadian buildings sector accounts for about a **quarter of Canada's total final energy consumption** and approximately **17% of greenhouse gas emissions** when emissions associated with electricity used in buildings are included.
- This places building energy codes as one of the critical paths we can leverage to increase the energy performance of our buildings.

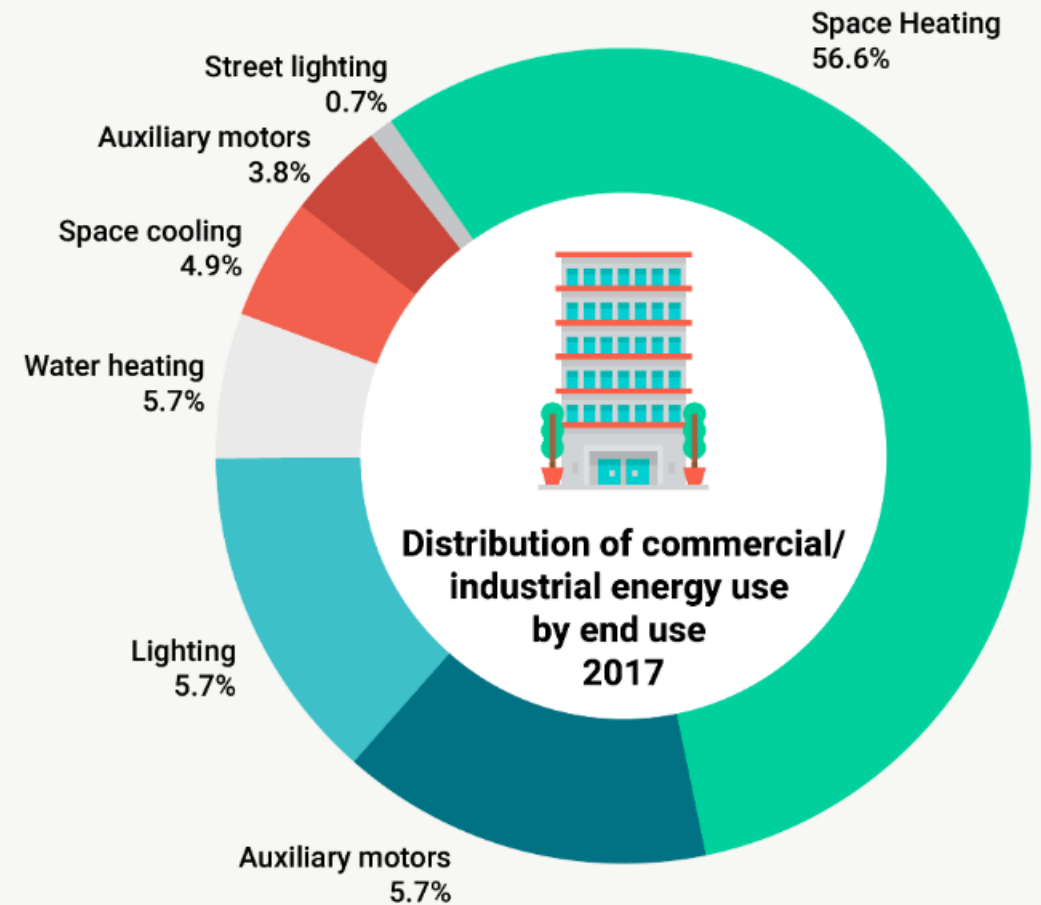
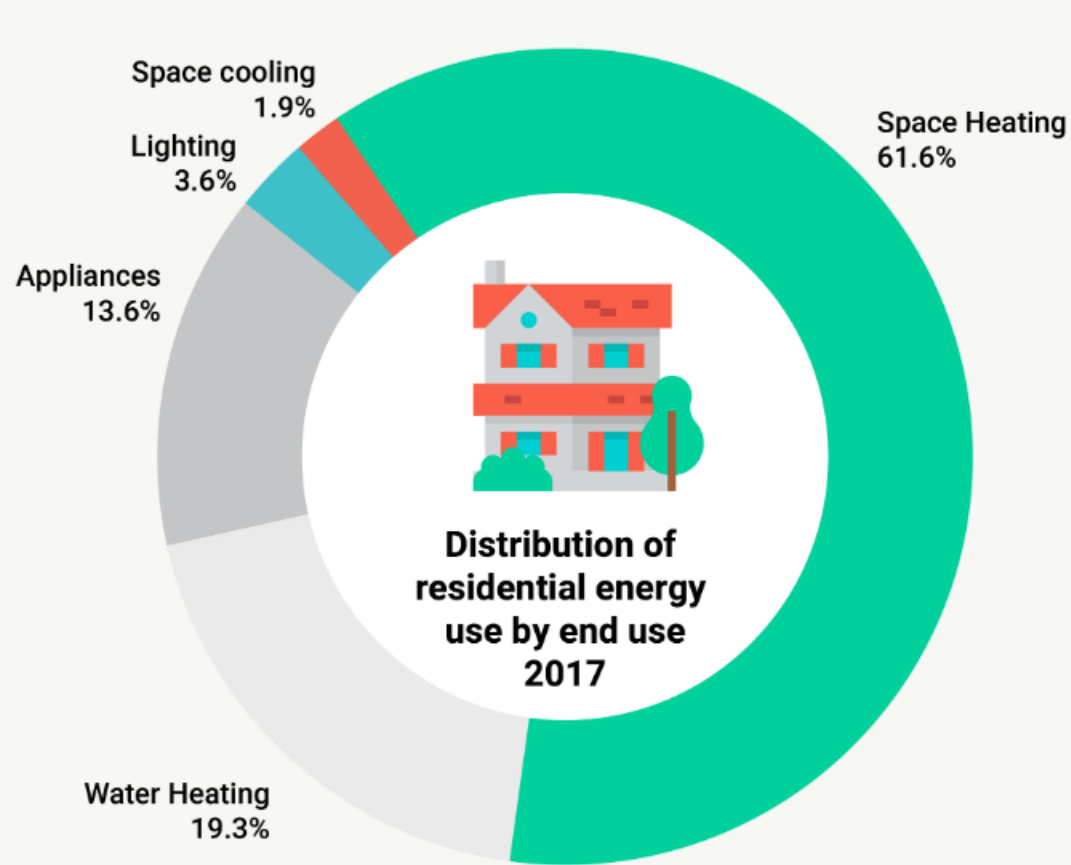


Canada's National Energy Code for Buildings

- 2020 Update – Published in March 2022
- National Research Council
- 5-year code cycle
- 2020 version has performance “tiers,” including a **net-zero energy-ready** standard
- Provides a pathway to make all new buildings consistent with national “net zero” policy objectives
- Canada’s climate plan aimed for all new buildings to be net-zero energy-ready by **2030**.



Energy Efficiency Trends in Canada







Museum of the Future, Dubai

Securing Our Future

Farooq Mehboob

Fellow Life Member ASHRAE

2022-23 ASHRAE President



السلام
عليكم

[illegible]

Lessons Learned – Civil War in Pakistan



Farooq Mehboob
Age 25, with his Father



Chief Engineer
Dhaka Intercontinental



Farooq & Shaheda



Path to Securing My Family's Future



Path to Securing My Future



Diverse and Trusted
Relationships



Important, Accurate, Relevant
Knowledge



Embracing
Change and Action



Securing the Future of ASHRAE



Diverse and Trusted
Relationships



Important, Accurate, Relevant
Knowledge

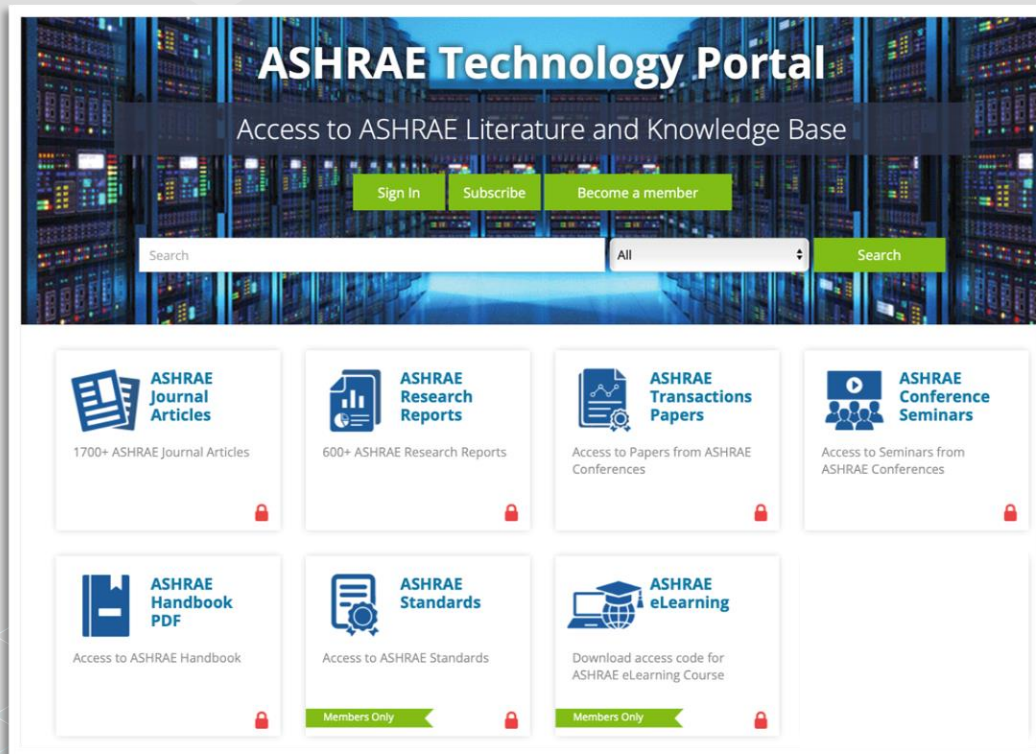


Embracing
Change and Action



Seek, Create, Secure

A meaningful and powerful future will not come to us.
We must collectively **seek it, create it, secure it!**





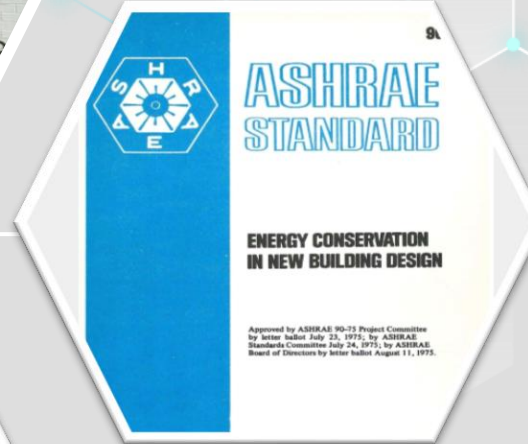
ASHRAE was Created out of a Need



The Need to
Collaborate



The Need to
Fund and Conduct Research



The Need to
Share Knowledge
& Technology



Elements of Our Success

Flexibility & Willingness to Adapt



Innovation



Creativity



Problem Solving



Challenges to Securing Our Future

1. Silos



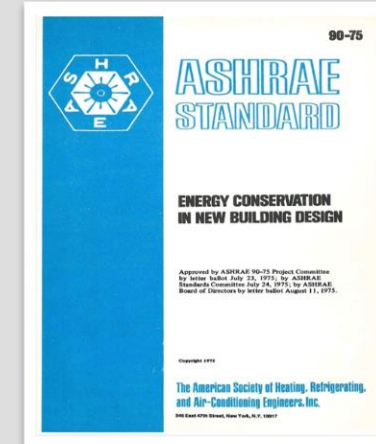
2. Resistance to Change



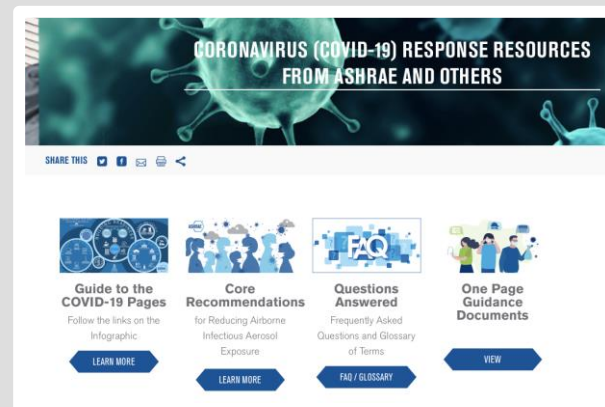


Reflecting on Our Past to Secure Our Future

Energy Crisis = **Standard 90.1**



Appendix - I04 - FMehboob Presentation For Others



COVID-19 = **COVID-19 Response Resources**



Without Change, We Will be Stagnant

"Success is a lousy teacher. It seduces smart people into thinking they can't lose."

- Bill Gates



Our Path to Securing Our Future



“It’s imperative that we continue to hunger for, and seek information about our market, our changing world, and our technological advances.”

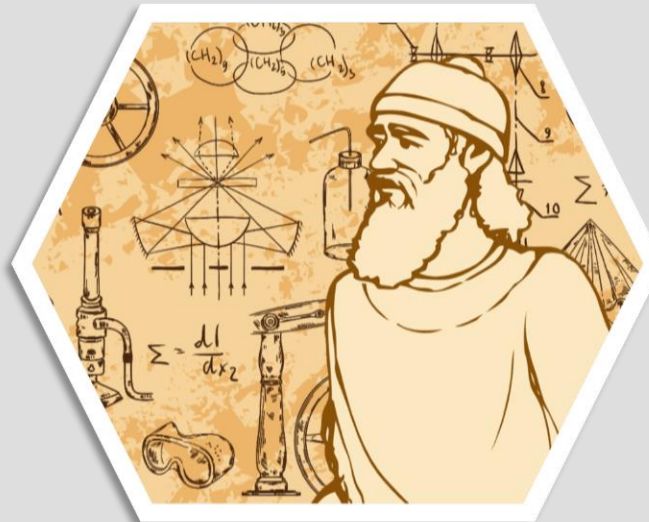
Solutions from History

Our journey forward begins by looking back!



Gunpowder was invented in China in the first century. It took 1200 years for it to become commonly used in Europe in the 14th century.

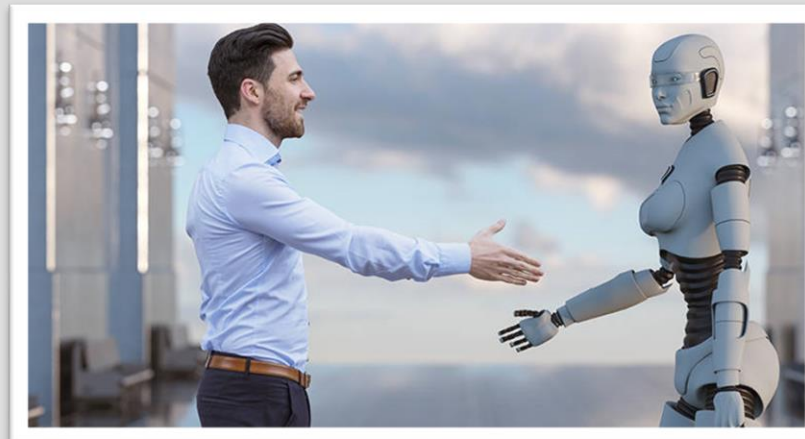
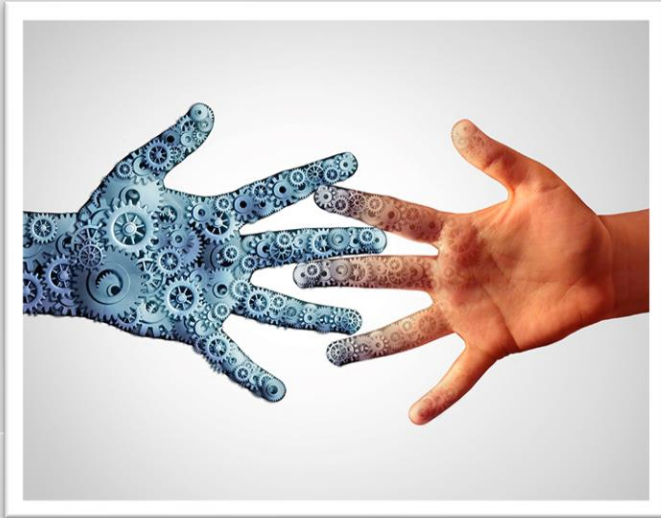
The Arabs laid the foundations of modern mathematics, physics, chemistry, and algebra.



Mughal Buildings and Gardens with microclimate engineering and sustainable building design.

Embrace Change

Success means seeking new knowledge and new ways of solving problems.





Diversity, Equity, Inclusion



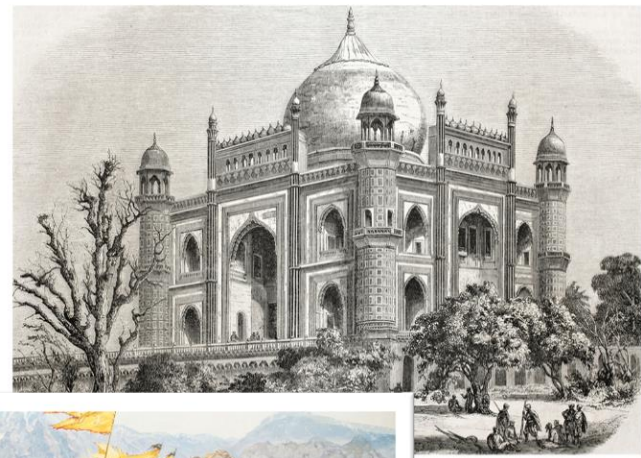
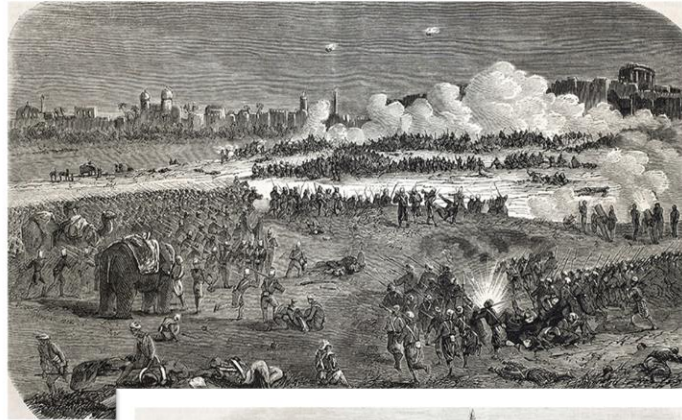
Region-at- Large CRC



The two key prerequisites for ASHRAE's diversity are:

Transparency and Participation

My Journey



Lahore

My Journey

My Mother



***“Always
listen to your
Mother!”***

My Company Team



My University



Hotel where I
worked



My Family

Success means being inclusive, equitable and diverse.

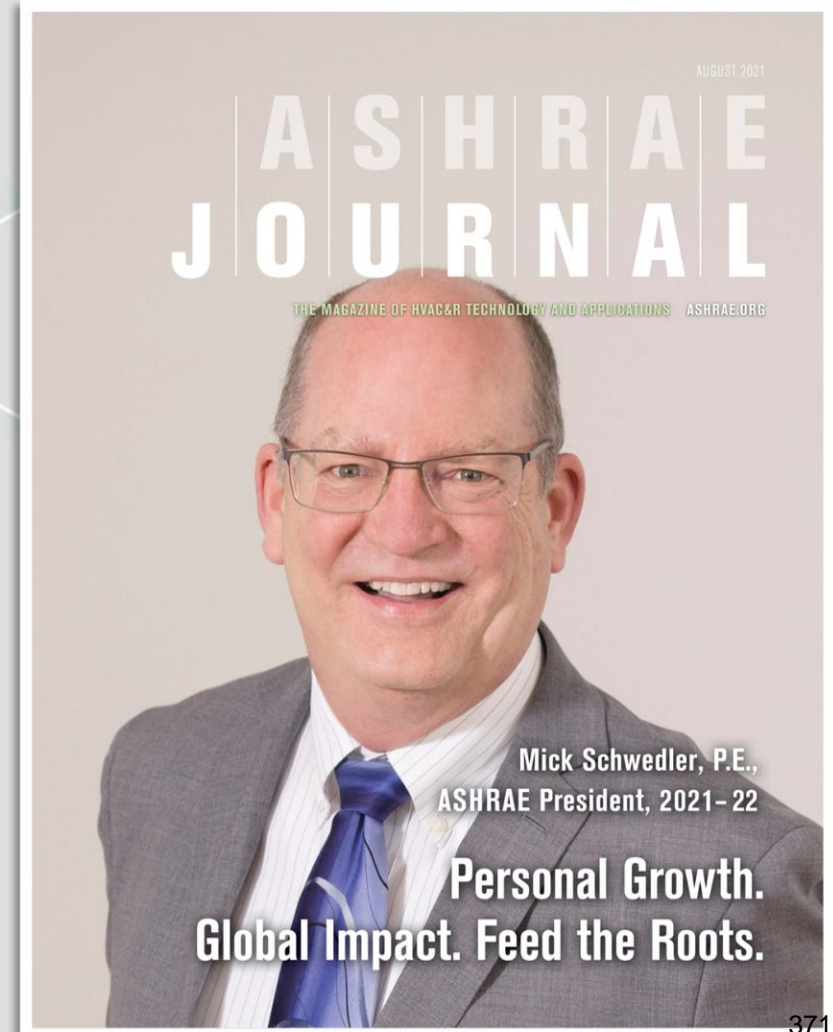
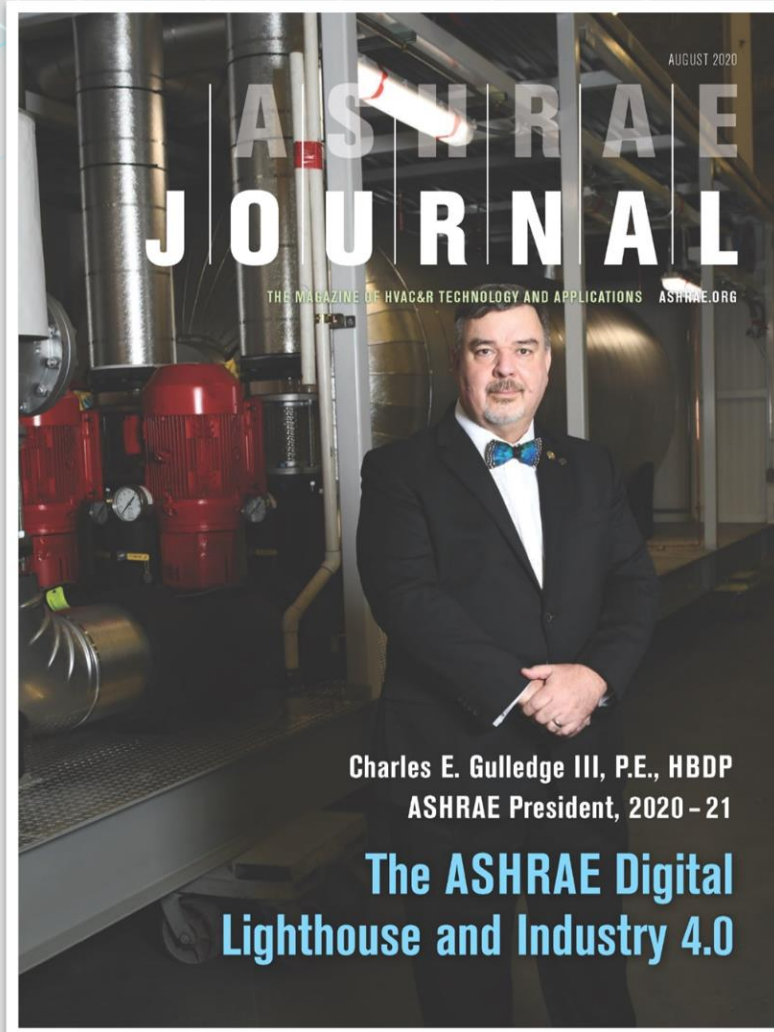




A Common Thread

Common Thread Among
Society Themes

Adapting to Change





Securing Our Future

**Make ASHRAE
Transparent**



**Make ASHRAE
Truly Diverse**



**Harvest
Information**



**Encourage
Participation
by Members**



**Harness the Power
of Relationships**



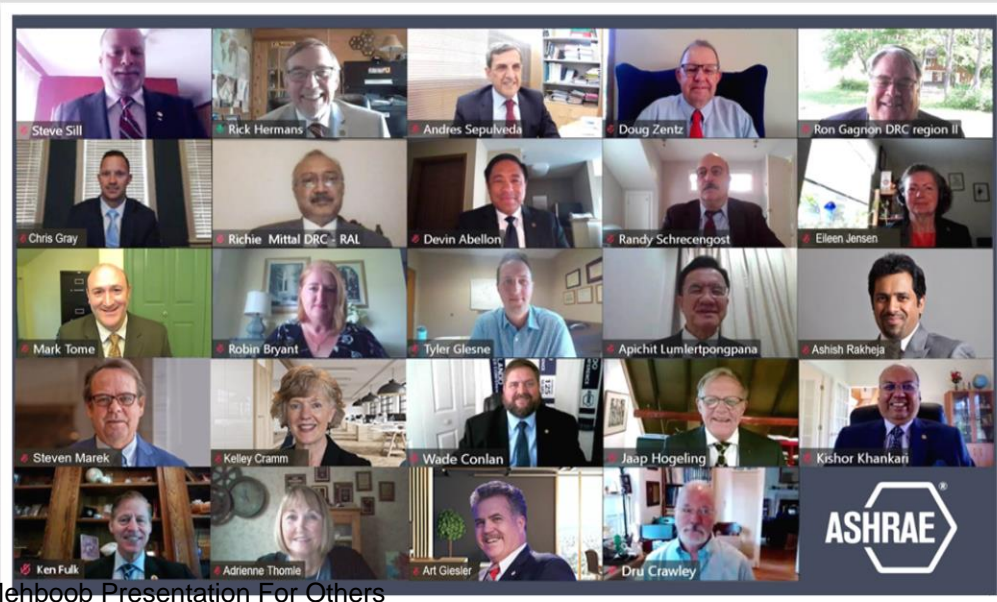
**Embrace
Change**





Making ASHRAE More Transparent

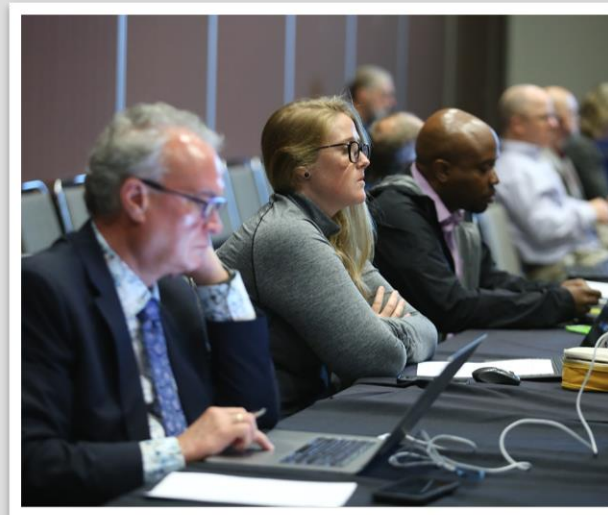
- Live Stream key ASHRAE meetings.
- BOD and EXCOM agendas circulated in advance with links to attend meetings.
- A quarterly newsletter.





Encourage Participation by Members

- **Develop initiatives to lower the financial barriers to participation where possible.**
- **Technical Committee and research reporting to members.**
- **Leadership and financial training offerings for regions and chapters.**
- **Offer products and services tailored to the needs of different parts of the world.**





Make ASHRAE Truly Diverse

DEI plan initiatives will include Chapter programs, webinars, podcasts, and training.





Harness the Power of Relationships

- Virtual joint chapter meetings between North American and international chapters.
- Global Coalition with global partners and AASA.



Harvest Information

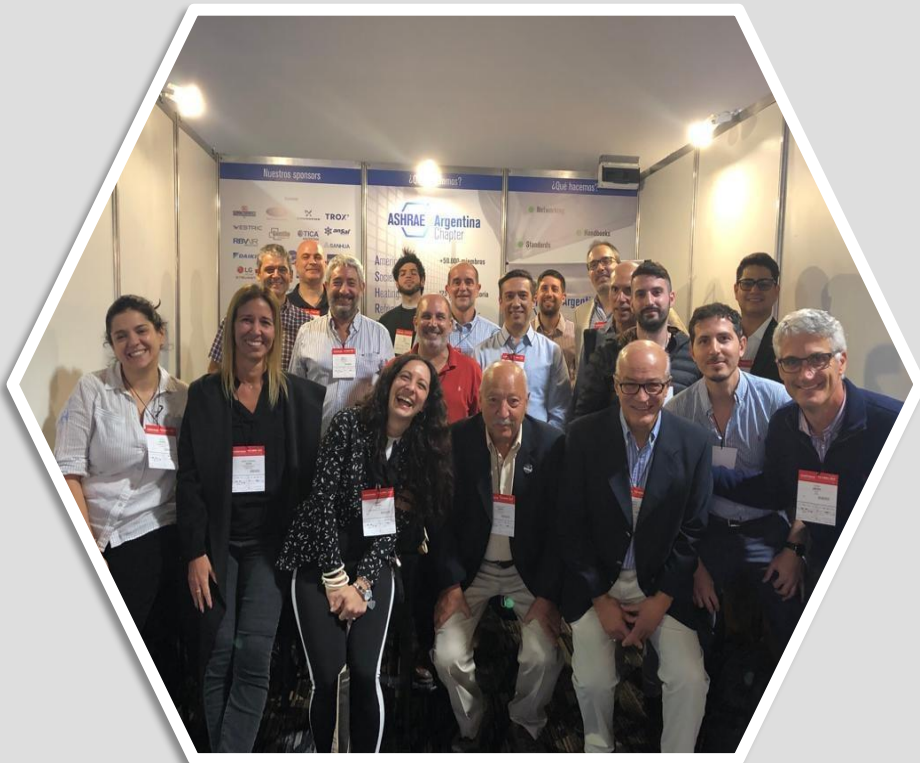
- Hosting ASHRAE roundtables alongside CRC's.
- Conducting Society meetings in different parts of the world.





Embrace Change

ASHRAE streamlining efforts: De-siloing and embracing a culture of change.





The Time to Participate is NOW

Participate!

Participate!



**Board and Council
Meetings**



Technical Committees

Participate!



**Chapter, Region and
Society Committees**



Thank You!



ashrae.org/president



ASHRAE HONORS & AWARDS

Do you know an ASHRAE member who...

has performed **outstanding service in their community**, and in doing so, have helped to improve the public image of the engineer?

YES



Nominate them for
Distinguished Public Service Award

has **served ASHRAE** and given freely of their time and talent on behalf of the Society?

Have they received the Distinguished Service Award?

NO



Nominate them for
Distinguished Service Award

YES



Nominate them for
Exceptional Service Award



They have the exceptional service award, too!
Andrew T. Boggs

has made **notable contributions** to the industry, and has been an ASHRAE Member in good standing for at least 10 years?

Are they an ASHRAE Fellow?

NO



Nominate to
ASHRAE Fellow

YES



Nominate them for
Louise & Bill Holladay Distinguished Fellow Award

has been an **ASHRAE member for 50 years**, and meets one of the below criteria?

- Has performed outstanding service
- Is an ASHRAE Fellow
- Is a Distinguished Service Award winner
- Is a Past Society President

YES



Nominate them for
Distinguished 50 Year Member Award

is deserving of ASHRAE's **highest award**?

YES



Nominate them for
F. Paul Anderson Award

Do you know of a giant in the HVAC&R Industry who you want to memorialize?

Were they an ASHRAE Member?

NO



Nominate them for
Pioneers of the Industry

YES



Nominate them for
ASHRAE Hall of Fame